



Full wwPDB NMR Structure Validation Report ⓘ

Jun 5, 2023 – 02:22 AM EDT

PDB ID : 2LWA
BMRB ID : 18617
Title : Conformational ensemble for the G8A mutant of the influenza hemagglutinin fusion peptide
Authors : Lorieau, J.L.; Louis, J.M.; Schwieters, C.D.; Bax, A.
Deposited on : 2012-07-26

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We welcome your comments at validation@mail.wwpdb.org

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with specific help available everywhere you see the ⓘ symbol.

The types of validation reports are described at

<http://www.wwpdb.org/validation/2017/FAQs#types>.

The following versions of software and data (see [references ⓘ](#)) were used in the production of this report:

MolProbity : 4.02b-467
Percentile statistics : 20191225.v01 (using entries in the PDB archive December 25th 2019)
wwPDB-RCI : v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV : Wang et al. (2010)
wwPDB-ShiftChecker : v1.2
BMRB Restraints Analysis : v1.2
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP) : 2.33

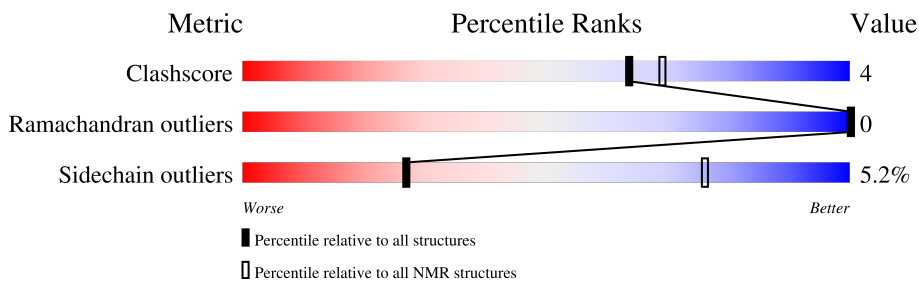
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

SOLUTION NMR

The overall completeness of chemical shifts assignment is 14%.

Percentile scores (ranging between 0-100) for global validation metrics of the entry are shown in the following graphic. The table shows the number of entries on which the scores are based.



Metric	Whole archive (#Entries)	NMR archive (#Entries)
Clashscore	158937	12864
Ramachandran outliers	154571	11451
Sidechain outliers	154315	11428

The table below summarises the geometric issues observed across the polymeric chains and their fit to the experimental data. The red, orange, yellow and green segments indicate the fraction of residues that contain outliers for ≥ 3 , 2, 1 and 0 types of geometric quality criteria. A cyan segment indicates the fraction of residues that are not part of the well-defined cores, and a grey segment represents the fraction of residues that are not modelled. The numeric value for each fraction is indicated below the corresponding segment, with a dot representing fractions $\leq 5\%$

Mol	Chain	Length	Quality of chain
1	A	30	63% (green), 13% (cyan), 20% (grey)
1	B	30	23% (green), 53% (cyan), 20% (grey)
1	C	30	53% (green), 23% (cyan), 20% (grey)

2 Ensemble composition and analysis i

This entry contains 20 models. Model 19 is the overall representative, medoid model (most similar to other models). The authors have identified model 1 as representative, based on the following criterion: *lowest energy*.

The following residues are included in the computation of the global validation metrics.

Well-defined (core) protein residues			
Well-defined core	Residue range (total)	Backbone RMSD (Å)	Medoid model
1	A:2-A:21, B:3-B:10, C:3-C:11 (37)	0.15	19
2	C:15-C:22 (8)	0.12	7

Ill-defined regions of proteins are excluded from the global statistics.

Ligands and non-protein polymers are included in the analysis.

The models can be grouped into 3 clusters. No single-model clusters were found.

Cluster number	Models
1	1, 2, 3, 4, 6, 7, 8, 9, 12, 13, 17, 19, 20
2	5, 10, 14, 16, 18
3	11, 15

3 Entry composition

There is only 1 type of molecule in this entry. The entry contains 1005 atoms, of which 480 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT.

Mol	Chain	Residues	Atoms					Trace	
			Total	C	H	N	O		S
1	A	24	335	117	160	26	31	1	0
1	B	24	335	117	160	26	31	1	0
1	C	24	335	117	160	26	31	1	0

There are 24 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	8	ALA	GLY	engineered mutation	UNP Q91IJ0
A	24	SER	-	expression tag	UNP Q91IJ0
A	25	GLY	-	expression tag	UNP Q91IJ0
A	26	LYS	-	expression tag	UNP Q91IJ0
A	27	LYS	-	expression tag	UNP Q91IJ0
A	28	LYS	-	expression tag	UNP Q91IJ0
A	29	LYS	-	expression tag	UNP Q91IJ0
A	30	ASP	-	expression tag	UNP Q91IJ0
B	8	ALA	GLY	engineered mutation	UNP Q91IJ0
B	24	SER	-	expression tag	UNP Q91IJ0
B	25	GLY	-	expression tag	UNP Q91IJ0
B	26	LYS	-	expression tag	UNP Q91IJ0
B	27	LYS	-	expression tag	UNP Q91IJ0
B	28	LYS	-	expression tag	UNP Q91IJ0
B	29	LYS	-	expression tag	UNP Q91IJ0
B	30	ASP	-	expression tag	UNP Q91IJ0
C	8	ALA	GLY	engineered mutation	UNP Q91IJ0
C	24	SER	-	expression tag	UNP Q91IJ0
C	25	GLY	-	expression tag	UNP Q91IJ0
C	26	LYS	-	expression tag	UNP Q91IJ0
C	27	LYS	-	expression tag	UNP Q91IJ0
C	28	LYS	-	expression tag	UNP Q91IJ0
C	29	LYS	-	expression tag	UNP Q91IJ0
C	30	ASP	-	expression tag	UNP Q91IJ0

4 Residue-property plots

4.1 Average score per residue in the NMR ensemble

These plots are provided for all protein, RNA, DNA and oligosaccharide chains in the entry. The first graphic is the same as shown in the summary in section 1 of this report. The second graphic shows the sequence where residues are colour-coded according to the number of geometric quality criteria for which they contain at least one outlier: green = 0, yellow = 1, orange = 2 and red = 3 or more. Stretches of 2 or more consecutive residues without any outliers are shown as green connectors. Residues which are classified as ill-defined in the NMR ensemble, are shown in cyan with an underline colour-coded according to the previous scheme. Residues which were present in the experimental sample, but not modelled in the final structure are shown in grey.

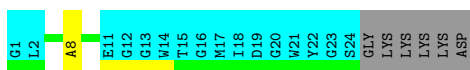
- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

Chain A: 



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

Chain B: 



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

Chain C: 



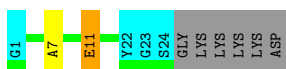
4.2 Scores per residue for each member of the ensemble

Colouring as in section 4.1 above.

4.2.1 Score per residue for model 1

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

Chain A: 



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



4.2.2 Score per residue for model 2

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

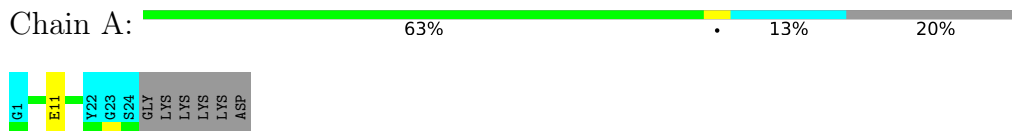


- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



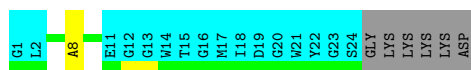
4.2.3 Score per residue for model 3

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT





- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

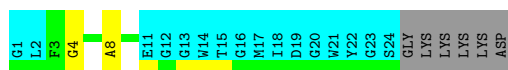


4.2.4 Score per residue for model 4

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

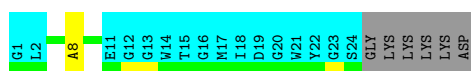


4.2.5 Score per residue for model 5

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



4.2.6 Score per residue for model 6

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

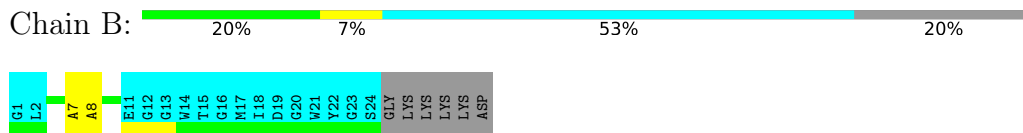


4.2.7 Score per residue for model 7

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



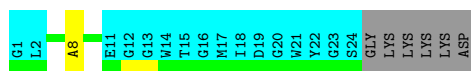


4.2.8 Score per residue for model 8

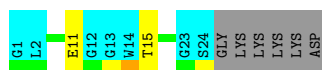
- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

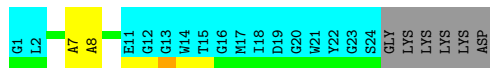


4.2.9 Score per residue for model 9

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

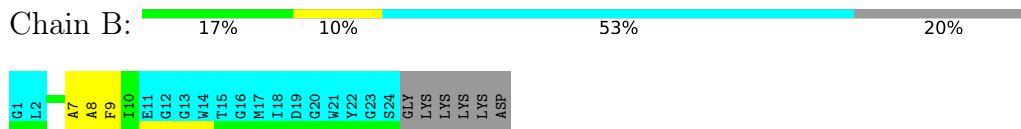


4.2.10 Score per residue for model 10

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



4.2.11 Score per residue for model 11

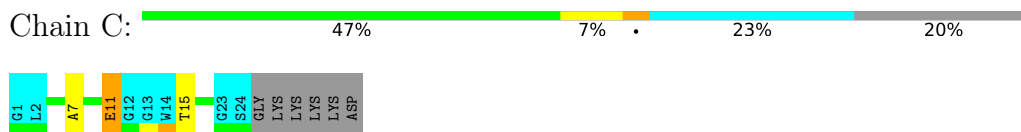
- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

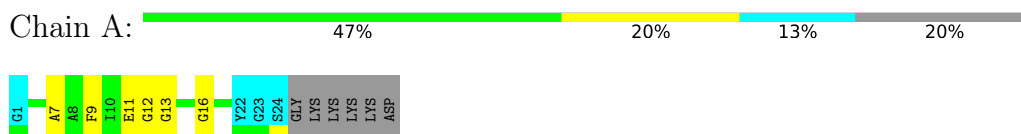


- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



4.2.12 Score per residue for model 12

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



4.2.13 Score per residue for model 13

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



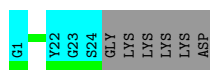
- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



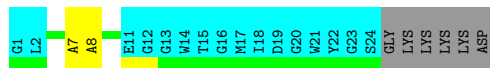
4.2.14 Score per residue for model 14

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT





- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

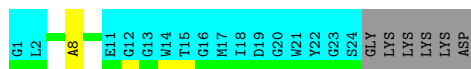


4.2.15 Score per residue for model 15

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



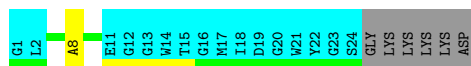
4.2.16 Score per residue for model 16

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



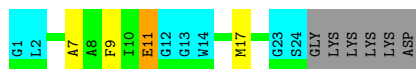
- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

Chain B:  23% 53% 20%



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

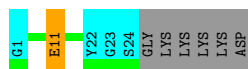
Chain C:  43% 10% 23% 20%



4.2.17 Score per residue for model 17

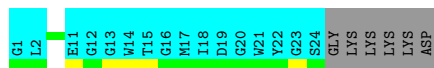
- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

Chain A:  63% 13% 20%



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

Chain B:  27% 53% 20%



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

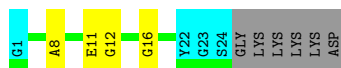
Chain C:  53% 23% 20%



4.2.18 Score per residue for model 18

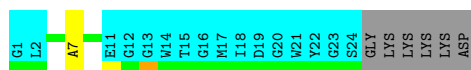
- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

Chain A:  53% 13% 13% 20%

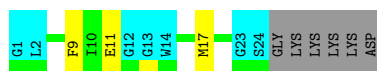


- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

Chain B:  23% 53% 20%



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

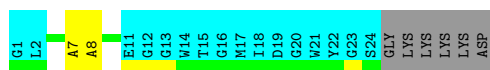


4.2.19 Score per residue for model 19 (medoid)

- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

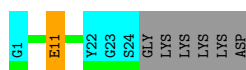


- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT

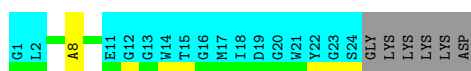


4.2.20 Score per residue for model 20

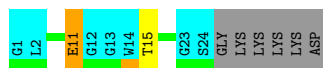
- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



- Molecule 1: HEMAGGLUTININ FUSION PEPTIDE G8A MUTANT



5 Refinement protocol and experimental data overview

The models were refined using the following method: *simulated annealing*.

Of the 480 calculated structures, 20 were deposited, based on the following criterion: *structures with the lowest energy*.

The following table shows the software used for structure solution, optimisation and refinement.

Software name	Classification	Version
X-PLOR NIH	refinement	2.31

The following table shows chemical shift validation statistics as aggregates over all chemical shift files. Detailed validation can be found in section 7 of this report.

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	1
Total number of shifts	95
Number of shifts mapped to atoms	95
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	14%

6 Model quality i

6.1 Standard geometry i

There are no covalent bond-length or bond-angle outliers.

There are no bond-length outliers.

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts i

In the following table, the Non-H and H(model) columns list the number of non-hydrogen atoms and hydrogen atoms in each chain respectively. The H(added) column lists the number of hydrogen atoms added and optimized by MolProbity. The Clashes column lists the number of clashes averaged over the ensemble.

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	149	138	138	2±1
1	B	57	58	58	0±0
1	C	131	120	120	1±1
All	All	6740	6320	6320	56

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 4.

All unique clashes are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:14:TRP:HE1	1:A:18:ILE:HD11	0.62	1.54	10	2
1:C:11:GLU:N	1:C:11:GLU:OE1	0.58	2.36	17	8
1:A:14:TRP:NE1	1:A:18:ILE:HD11	0.58	2.12	10	2
1:C:9:PHE:CZ	1:C:17:MET:SD	0.56	2.98	18	2
1:A:11:GLU:OE1	1:A:11:GLU:N	0.53	2.41	20	4
1:A:12:GLY:O	1:A:16:GLY:N	0.52	2.40	18	8
1:A:9:PHE:O	1:A:13:GLY:HA2	0.47	2.09	9	4
1:C:7:ALA:O	1:C:11:GLU:OE2	0.45	2.35	13	7
1:A:7:ALA:O	1:A:11:GLU:OE1	0.45	2.35	7	8
1:C:9:PHE:CE2	1:C:17:MET:SD	0.44	3.10	18	1
1:C:7:ALA:O	1:C:11:GLU:OE1	0.43	2.36	2	3
1:C:11:GLU:OE1	1:C:11:GLU:CA	0.43	2.66	6	1

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Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:8:ALA:O	1:A:12:GLY:N	0.42	2.49	18	1
1:A:7:ALA:O	1:A:11:GLU:OE2	0.42	2.37	16	2
1:A:12:GLY:O	1:A:13:GLY:C	0.42	2.58	9	1
1:B:4:GLY:O	1:B:8:ALA:CB	0.42	2.67	4	1
1:A:9:PHE:O	1:A:13:GLY:CA	0.40	2.69	9	1

6.3 Torsion angles [i](#)

6.3.1 Protein backbone [i](#)

In the following table, the Percentiles column shows the percent Ramachandran outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR entries. The Analysed column shows the number of residues for which the backbone conformation was analysed and the total number of residues.

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
1	A	20/30 (67%)	19±0 (96±2%)	1±0 (4±2%)	0±0 (0±0%)	100	100
1	B	8/30 (27%)	8±0 (100±0%)	0±0 (0±0%)	0±0 (0±0%)	100	100
1	C	17/30 (57%)	17±0 (99±2%)	0±0 (1±2%)	0±0 (0±0%)	100	100
All	All	900/1800 (50%)	883 (98%)	17 (2%)	0 (0%)	100	100

There are no Ramachandran outliers.

6.3.2 Protein sidechains [i](#)

In the following table, the Percentiles column shows the percent sidechain outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR entries. The Analysed column shows the number of residues for which the sidechain conformation was analysed and the total number of residues.

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
1	A	12/19 (63%)	12±0 (96±4%)	0±0 (4±4%)	36	84
1	B	4/19 (21%)	4±0 (100±0%)	0±0 (0±0%)	100	100
1	C	11/19 (58%)	10±0 (91±2%)	1±0 (9±2%)	14	61
All	All	540/1140 (47%)	512 (95%)	28 (5%)	27	76

All 2 unique residues with a non-rotameric sidechain are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	C	11	GLU	19
1	A	11	GLU	9

6.3.3 RNA [i](#)

There are no RNA molecules in this entry.

6.4 Non-standard residues in protein, DNA, RNA chains [i](#)

There are no non-standard protein/DNA/RNA residues in this entry.

6.5 Carbohydrates [i](#)

There are no monosaccharides in this entry.

6.6 Ligand geometry [i](#)

There are no ligands in this entry.

6.7 Other polymers [i](#)

There are no such molecules in this entry.

6.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

7 Chemical shift validation [i](#)

The completeness of assignment taking into account all chemical shift lists is 14% for the well-defined parts and 11% for the entire structure.

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *assigned_chem_shift_list_1*

7.1.1 Bookkeeping [i](#)

The following table shows the results of parsing the chemical shift list and reports the number of nuclei with statistically unusual chemical shifts.

Total number of shifts	95
Number of shifts mapped to atoms	95
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

7.1.2 Chemical shift referencing [i](#)

No chemical shift referencing corrections were calculated (not enough data).

7.1.3 Completeness of resonance assignments [i](#)

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 14%, i.e. 83 atoms were assigned a chemical shift out of a possible 576. 0 out of 1 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	¹ H	¹³ C	¹⁵ N
Backbone	83/234 (35%)	44/99 (44%)	20/90 (22%)	19/45 (42%)
Sidechain	0/237 (0%)	0/162 (0%)	0/75 (0%)	0/0 (—%)
Aromatic	0/105 (0%)	0/52 (0%)	0/50 (0%)	0/3 (0%)
Overall	83/576 (14%)	44/313 (14%)	20/215 (9%)	19/48 (40%)

The following table shows the completeness of the chemical shift assignments for the full structure. The overall completeness is 11%, i.e. 95 atoms were assigned a chemical shift out of a possible 867. 0 out of 3 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	¹ H	¹³ C	¹⁵ N
Backbone	95/381 (25%)	51/165 (31%)	23/144 (16%)	21/72 (29%)
Sidechain	0/327 (0%)	0/222 (0%)	0/105 (0%)	0/0 (—%)
Aromatic	0/159 (0%)	0/78 (0%)	0/75 (0%)	0/6 (0%)
Overall	95/867 (11%)	51/465 (11%)	23/324 (7%)	21/78 (27%)

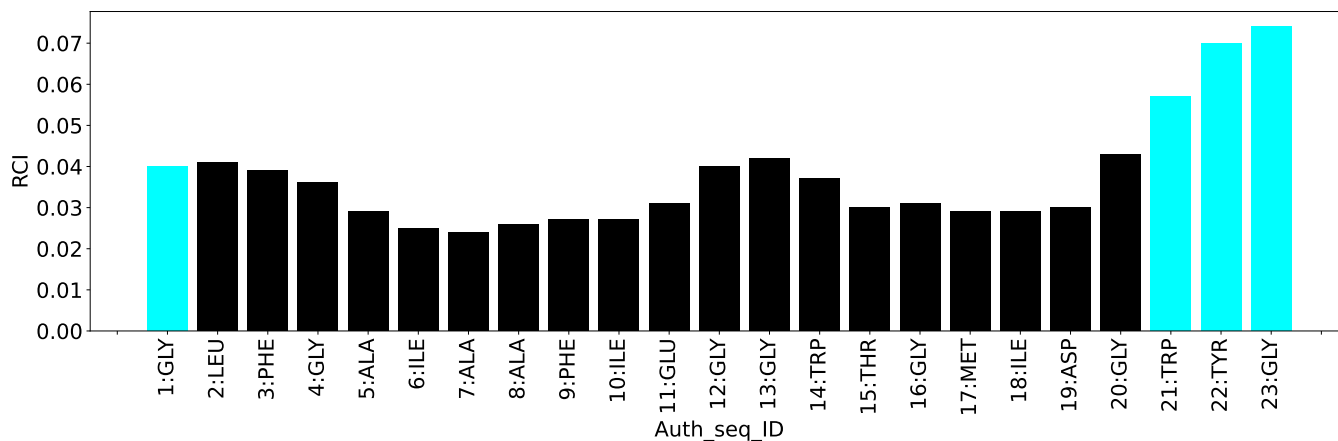
7.1.4 Statistically unusual chemical shifts [i](#)

There are no statistically unusual chemical shifts.

7.1.5 Random Coil Index (RCI) plots [i](#)

The image below reports *random coil index* values for the protein chains in the structure. The height of each bar gives a probability of a given residue to be disordered, as predicted from the available chemical shifts and the amino acid sequence. A value above 0.2 is an indication of significant predicted disorder. The colour of the bar shows whether the residue is in the well-defined core (black) or in the ill-defined residue ranges (cyan), as described in section 2 on ensemble composition. If well-defined core and ill-defined regions are not identified then it is shown as gray bars.

Random coil index (RCI) for chain A:



8 NMR restraints analysis

8.1 Conformationally restricting restraints

The following table provides the summary of experimentally observed NMR restraints in different categories. Restraints are classified into different categories based on the sequence separation of the atoms involved.

Description	Value
Total distance restraints	316
Intra-residue ($ i-j =0$)	118
Sequential ($ i-j =1$)	83
Medium range ($ i-j >1$ and $ i-j <5$)	94
Long range ($ i-j \geq 5$)	21
Inter-chain	0
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	120
Number of unmapped restraints	0
Number of restraints per residue	4.8
Number of long range restraints per residue ¹	0.2

¹Long range hydrogen bonds and disulfide bonds are counted as long range restraints while calculating the number of long range restraints per residue

8.2 Residual restraint violations

This section provides the overview of the restraint violations analysis. The violations are binned as small, medium and large violations based on its absolute value. Average number of violations per model is calculated by dividing the total number of violations in each bin by the size of the ensemble.

8.2.1 Average number of distance violations per model

Distance violations less than 0.1 Å are not included in the calculation.

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	23.4	0.2
0.2-0.5 (Medium)	41.4	0.5
>0.5 (Large)	25.2	1.37

8.2.2 Average number of dihedral-angle violations per model

Dihedral-angle violations less than 1° are not included in the calculation.

Bins (°)	Average number of violations per model	Max (°)
1.0-10.0 (Small)	2.0	5.6
10.0-20.0 (Medium)	0.1	10.9
>20.0 (Large)	None	None

9 Distance violation analysis [\(i\)](#)

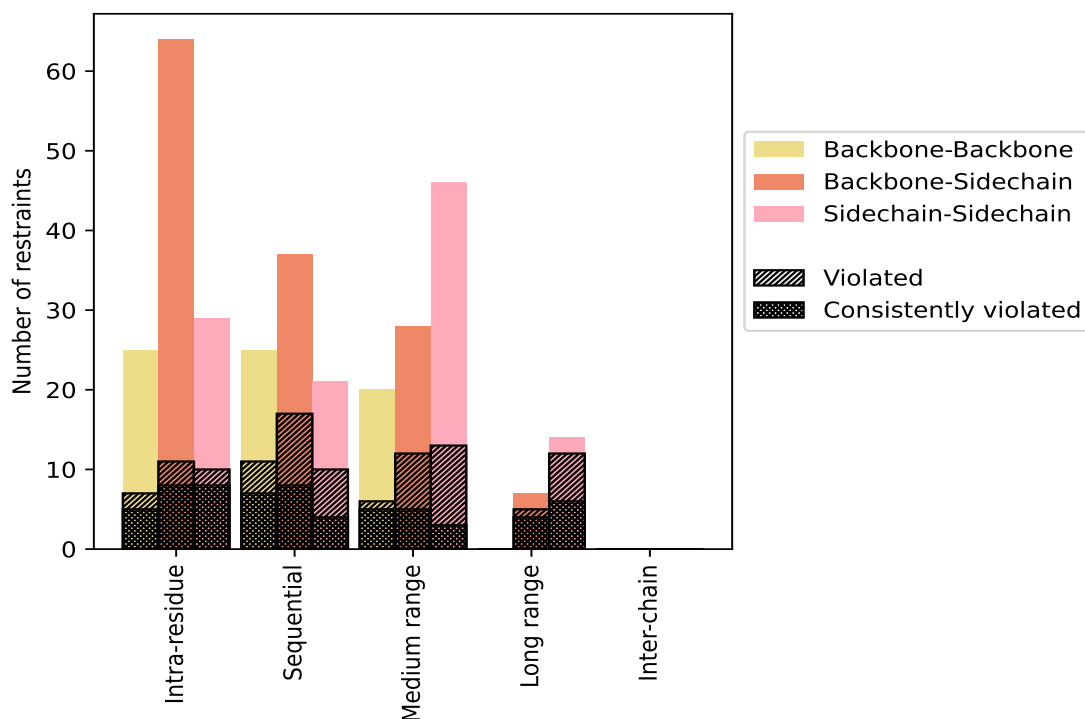
9.1 Summary of distance violations [\(i\)](#)

The following table shows the summary of distance violations in different restraint categories based on the sequence separation of the atoms involved. Each category is further sub-divided into three sub-categories based on the atoms involved. Violations less than 0.1 Å are not included in the statistics.

Restrains type	Count	% ¹	Violated ³			Consistently Violated ⁴		
			Count	% ²	% ¹	Count	% ²	% ¹
Intra-residue ($i-j =0$)	118	37.3	28	23.7	8.9	21	17.8	6.6
Backbone-Backbone	25	7.9	7	28.0	2.2	5	20.0	1.6
Backbone-Sidechain	64	20.3	11	17.2	3.5	8	12.5	2.5
Sidechain-Sidechain	29	9.2	10	34.5	3.2	8	27.6	2.5
Sequential ($i-j =1$)	83	26.3	38	45.8	12.0	19	22.9	6.0
Backbone-Backbone	25	7.9	11	44.0	3.5	7	28.0	2.2
Backbone-Sidechain	37	11.7	17	45.9	5.4	8	21.6	2.5
Sidechain-Sidechain	21	6.6	10	47.6	3.2	4	19.0	1.3
Medium range ($i-j >1$ & $i-j <5$)	94	29.7	31	33.0	9.8	13	13.8	4.1
Backbone-Backbone	20	6.3	6	30.0	1.9	5	25.0	1.6
Backbone-Sidechain	28	8.9	12	42.9	3.8	5	17.9	1.6
Sidechain-Sidechain	46	14.6	13	28.3	4.1	3	6.5	0.9
Long range ($i-j \geq 5$)	21	6.6	17	81.0	5.4	10	47.6	3.2
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	7	2.2	5	71.4	1.6	4	57.1	1.3
Sidechain-Sidechain	14	4.4	12	85.7	3.8	6	42.9	1.9
Inter-chain	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	316	100.0	114	36.1	36.1	63	19.9	19.9
Backbone-Backbone	70	22.2	24	34.3	7.6	17	24.3	5.4
Backbone-Sidechain	136	43.0	45	33.1	14.2	25	18.4	7.9
Sidechain-Sidechain	110	34.8	45	40.9	14.2	21	19.1	6.6

¹ percentage calculated with respect to the total number of distance restraints, ² percentage calculated with respect to the number of restraints in a particular restraint category, ³ violated in at least one model, ⁴ violated in all the models

9.1.1 Bar chart : Distribution of distance restraints and violations [i](#)



Violated and consistently violated restraints are shown using different hatch patterns in their respective categories. The hydrogen bonds and disulfid bonds are counted in their appropriate category on the x-axis

9.2 Distance violation statistics for each model [i](#)

The following table provides the distance violation statistics for each model in the ensemble. Violations less than 0.1 Å are not included in the statistics.

Model ID	Number of violations						Mean (Å)	Max (Å)	SD ⁶ (Å)	Median (Å)
	IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total				
1	25	27	24	15	0	91	0.41	1.29	0.26	0.34
2	26	31	20	13	0	90	0.4	1.26	0.26	0.32
3	26	31	26	13	0	96	0.4	1.36	0.27	0.32
4	25	28	24	15	0	92	0.4	1.28	0.28	0.32
5	24	32	23	15	0	94	0.4	1.32	0.27	0.34
6	25	27	23	14	0	89	0.41	1.3	0.27	0.34
7	24	29	21	14	0	88	0.41	1.37	0.28	0.32
8	25	28	20	13	0	86	0.42	1.32	0.26	0.36
9	26	30	25	14	0	95	0.41	1.33	0.27	0.33
10	26	26	24	14	0	90	0.41	1.29	0.27	0.33
11	25	28	23	12	0	88	0.41	1.24	0.27	0.32

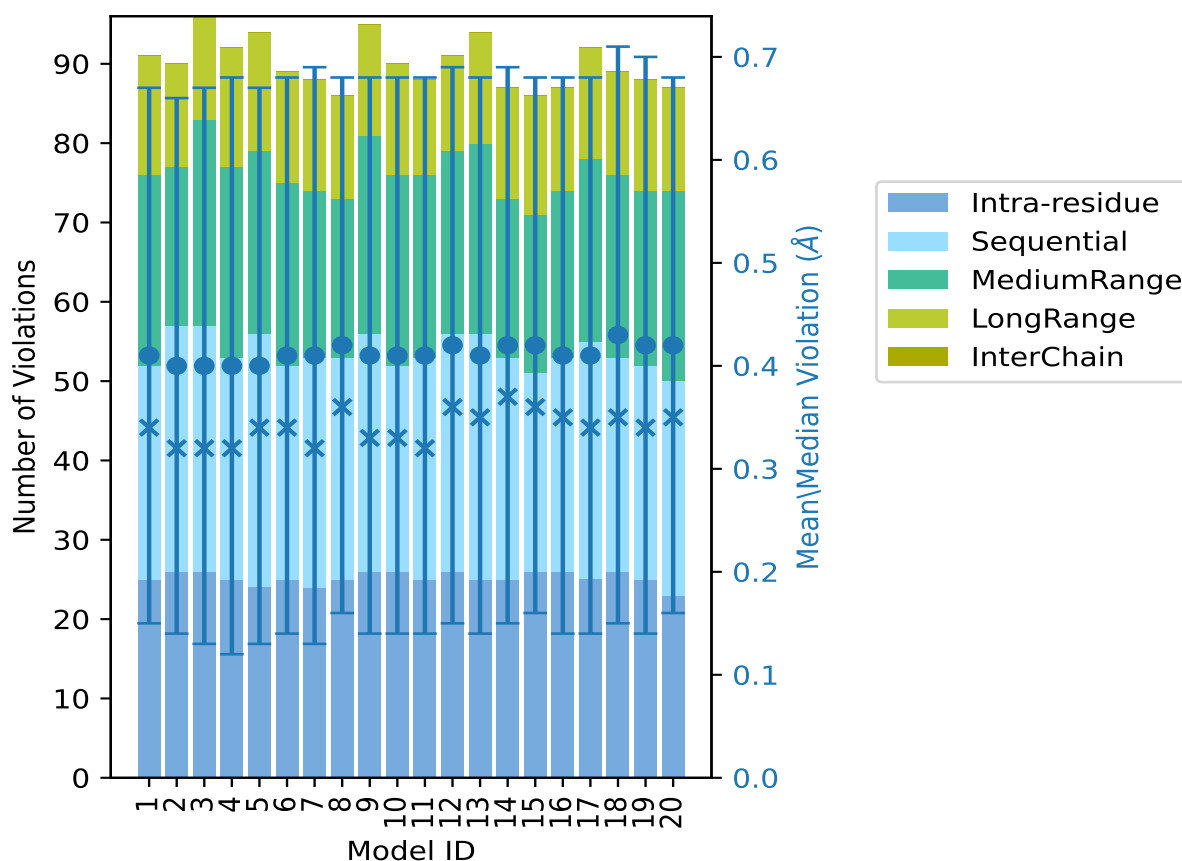
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Model ID	Number of violations					Total	Mean (Å)	Max (Å)	SD ⁶ (Å)	Median (Å)
	IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵					
12	26	30	23	12	0	91	0.42	1.32	0.27	0.36
13	25	31	24	14	0	94	0.41	1.28	0.27	0.35
14	25	28	20	14	0	87	0.42	1.34	0.27	0.37
15	26	25	20	15	0	86	0.42	1.27	0.26	0.36
16	26	27	21	13	0	87	0.41	1.3	0.27	0.35
17	25	30	23	14	0	92	0.41	1.28	0.27	0.34
18	26	27	23	13	0	89	0.43	1.3	0.28	0.35
19	25	27	22	14	0	88	0.42	1.33	0.28	0.34
20	23	27	24	13	0	87	0.42	1.31	0.26	0.35

¹Intra-residue restraints, ²Sequential restraints, ³Medium range restraints, ⁴Long range restraints, ⁵Inter-chain restraints, ⁶Standard deviation

9.2.1 Bar graph : Distance Violation statistics for each model [i](#)



The mean(dot), median(x) and the standard deviation are shown in blue with respect to the y axis on the right

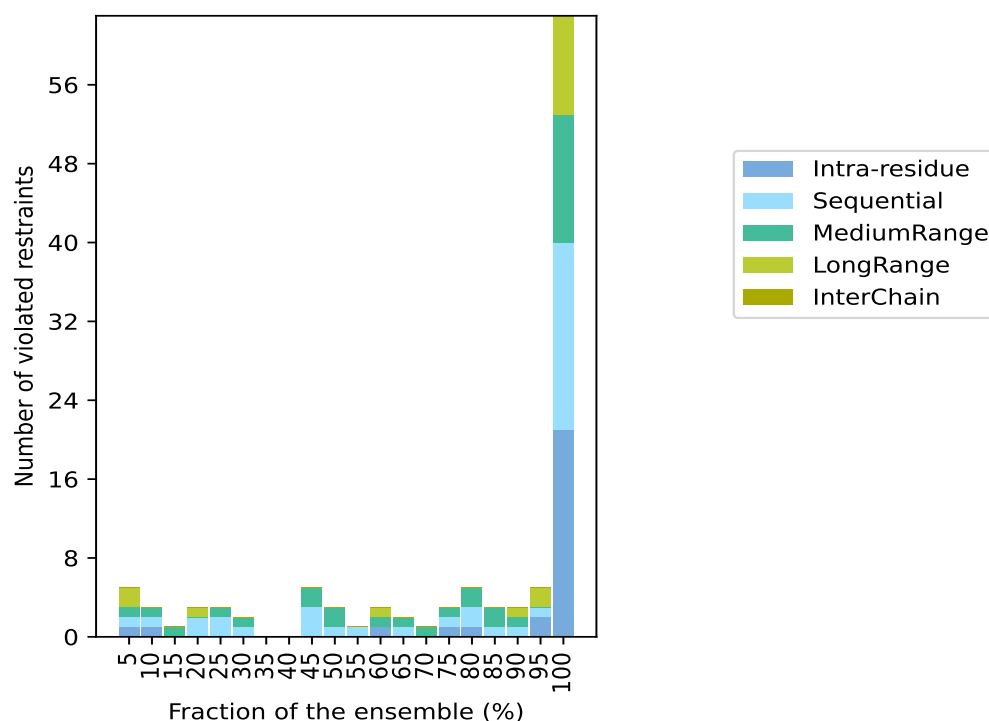
9.3 Distance violation statistics for the ensemble

Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 202(IR:90, SQ:45, MR:63, LR:4, IC:0) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total	Count ⁶	%
1	1	1	2	0	5	1	5.0
1	1	1	0	0	3	2	10.0
0	0	1	0	0	1	3	15.0
0	2	0	1	0	3	4	20.0
0	2	1	0	0	3	5	25.0
0	1	1	0	0	2	6	30.0
0	0	0	0	0	0	7	35.0
0	0	0	0	0	0	8	40.0
0	3	2	0	0	5	9	45.0
0	1	2	0	0	3	10	50.0
0	1	0	0	0	1	11	55.0
1	0	1	1	0	3	12	60.0
0	1	1	0	0	2	13	65.0
0	0	1	0	0	1	14	70.0
1	1	1	0	0	3	15	75.0
1	2	2	0	0	5	16	80.0
0	1	2	0	0	3	17	85.0
0	1	1	1	0	3	18	90.0
2	1	0	2	0	5	19	95.0
21	19	13	10	0	63	20	100.0

¹Intra-residue restraints, ²Sequential restraints, ³Medium range restraints, ⁴Long range restraints, ⁵Inter-chain restraints, ⁶ Number of models with violations

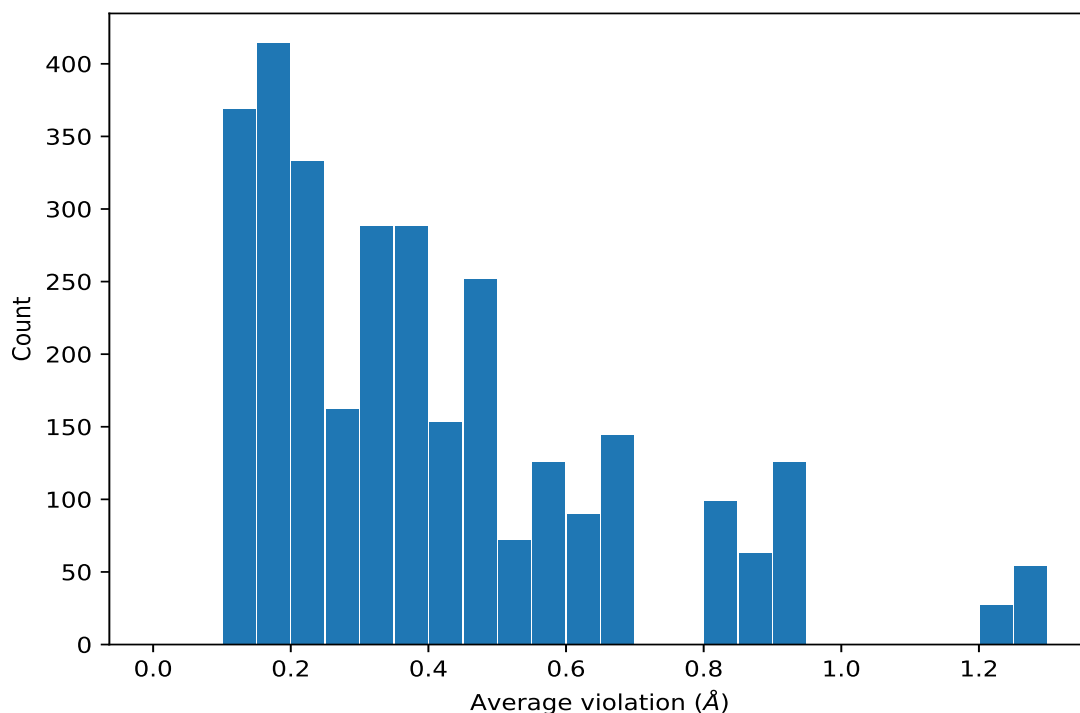
9.3.1 Bar graph : Distance violation statistics for the ensemble [\(i\)](#)



9.4 Most violated distance restraints in the ensemble [\(i\)](#)

9.4.1 Histogram : Distribution of mean distance violations [\(i\)](#)

The following histogram shows the distribution of the average value of the violation. The average is calculated for each restraint that is violated in more than one model over all the violated models in the ensemble



9.4.2 Table: Most violated distance restraints [i](#)

The following table provides the mean and the standard deviation of the violation for each restraint sorted by number of violated models and the mean value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	20	1.25	0.1	1.28

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	20	1.25	0.1	1.28
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	20	1.25	0.1	1.28
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	20	1.25	0.06	1.25
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	20	1.25	0.06	1.25
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	20	1.25	0.06	1.25
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	20	1.25	0.06	1.25
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	20	1.25	0.06	1.25
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	20	1.25	0.06	1.25
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	20	1.25	0.06	1.25
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	20	1.25	0.06	1.25
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	20	1.25	0.06	1.25
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	20	1.22	0.04	1.23

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	20	1.22	0.04	1.23
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	20	1.22	0.04	1.23
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	20	0.91	0.04	0.92

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	20	0.91	0.04	0.92

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	20	0.91	0.04	0.92
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	20	0.91	0.04	0.92
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	20	0.91	0.06	0.92

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	20	0.91	0.06	0.92
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	20	0.91	0.06	0.92
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	20	0.91	0.06	0.92
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	20	0.87	0.05	0.86
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	20	0.87	0.05	0.86
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	20	0.87	0.05	0.86
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	20	0.87	0.05	0.86
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	20	0.87	0.05	0.86
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	20	0.87	0.05	0.86
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	20	0.87	0.05	0.86
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	20	0.87	0.05	0.86
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	20	0.87	0.05	0.86
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	20	0.87	0.05	0.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	20	0.87	0.05	0.86
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	20	0.87	0.05	0.86
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	20	0.86	0.11	0.86
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	20	0.86	0.11	0.86
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	20	0.86	0.11	0.86
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	20	0.86	0.11	0.86
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	20	0.86	0.11	0.86
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	20	0.86	0.11	0.86
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	20	0.86	0.11	0.86
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	20	0.86	0.11	0.86
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	20	0.86	0.11	0.86
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	20	0.86	0.11	0.86
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	20	0.86	0.11	0.86
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	20	0.86	0.11	0.86
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	20	0.86	0.11	0.86
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	20	0.86	0.11	0.86
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	20	0.86	0.11	0.86
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	20	0.86	0.11	0.86
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	20	0.86	0.11	0.86
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	20	0.86	0.11	0.86
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	20	0.86	0.11	0.86
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	20	0.86	0.11	0.86
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	20	0.86	0.11	0.86
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	20	0.86	0.11	0.86
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	20	0.86	0.11	0.86
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	20	0.86	0.11	0.86
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	20	0.86	0.11	0.86

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	20	0.86	0.11	0.86
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	20	0.86	0.11	0.86
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	20	0.82	0.11	0.84

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	20	0.82	0.11	0.84
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	20	0.82	0.11	0.84
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	20	0.81	0.07	0.8
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	20	0.81	0.07	0.8
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	20	0.8	0.08	0.81

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	20	0.8	0.08	0.81
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	20	0.8	0.08	0.81
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	20	0.8	0.08	0.81
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	20	0.7	0.09	0.7

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	20	0.7	0.09	0.7

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	20	0.7	0.09	0.7
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	20	0.7	0.09	0.7
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	20	0.7	0.02	0.7
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	20	0.7	0.02	0.7
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	20	0.63	0.06	0.61

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	20	0.63	0.06	0.61

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	20	0.63	0.06	0.61

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	20	0.63	0.06	0.61
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	20	0.63	0.06	0.61
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	20	0.6	0.0	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	20	0.6	0.0	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	20	0.6	0.0	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	20	0.6	0.0	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	20	0.6	0.0	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	20	0.6	0.0	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	20	0.6	0.0	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	20	0.6	0.0	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	20	0.6	0.0	0.6
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	20	0.58	0.03	0.58
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	20	0.58	0.03	0.58
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	20	0.56	0.11	0.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	20	0.56	0.11	0.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	20	0.56	0.11	0.54
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	20	0.56	0.11	0.54
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	20	0.56	0.09	0.55

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	20	0.56	0.09	0.55
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	20	0.56	0.09	0.55
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	20	0.53	0.05	0.55
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	20	0.53	0.05	0.55
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	20	0.53	0.05	0.55
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	20	0.53	0.02	0.52

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	20	0.53	0.02	0.52
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	20	0.53	0.02	0.52
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	20	0.53	0.02	0.52
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	20	0.53	0.02	0.52
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	20	0.53	0.02	0.52
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	20	0.53	0.02	0.52
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	20	0.53	0.02	0.52
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	20	0.53	0.02	0.52
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	20	0.53	0.02	0.52
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	20	0.53	0.02	0.52
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	20	0.53	0.02	0.52
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	20	0.53	0.02	0.52
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	20	0.53	0.02	0.52
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	20	0.53	0.02	0.52
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	20	0.53	0.02	0.52
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	20	0.53	0.02	0.52
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	20	0.53	0.02	0.52
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	20	0.53	0.02	0.52
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	20	0.53	0.02	0.52
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	20	0.53	0.02	0.52
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	20	0.53	0.02	0.52
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	20	0.53	0.02	0.52
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	20	0.53	0.02	0.52
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	20	0.53	0.02	0.52
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	20	0.53	0.02	0.52
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	20	0.53	0.02	0.52
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	20	0.52	0.04	0.52
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	20	0.52	0.04	0.52
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	20	0.52	0.04	0.52
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	20	0.52	0.04	0.52
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	20	0.52	0.04	0.52
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	20	0.52	0.04	0.52
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	20	0.52	0.04	0.52
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	20	0.52	0.04	0.52
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	20	0.52	0.04	0.52
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	20	0.49	0.15	0.52

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	20	0.49	0.15	0.52
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	20	0.49	0.15	0.52
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	20	0.48	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	20	0.48	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	20	0.48	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	20	0.48	0.13	0.48
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	20	0.48	0.13	0.48
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	20	0.48	0.06	0.49
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	20	0.48	0.06	0.49
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	20	0.48	0.06	0.49
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	20	0.48	0.06	0.49
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	20	0.48	0.06	0.49
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	20	0.48	0.06	0.49
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	20	0.48	0.06	0.49
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	20	0.48	0.06	0.49
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	20	0.48	0.06	0.49
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	20	0.47	0.03	0.46
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	20	0.47	0.03	0.46
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	20	0.47	0.03	0.46
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	20	0.47	0.03	0.46
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	20	0.47	0.03	0.46
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	20	0.47	0.03	0.46
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	20	0.47	0.03	0.46
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	20	0.47	0.03	0.46
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	20	0.47	0.03	0.46
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	20	0.47	0.01	0.47
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	20	0.47	0.01	0.47
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	20	0.47	0.01	0.47
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	20	0.47	0.01	0.47
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	20	0.47	0.01	0.47
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	20	0.47	0.01	0.47
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	20	0.47	0.01	0.47
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	20	0.47	0.01	0.47
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	20	0.47	0.01	0.47
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	20	0.47	0.06	0.48
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	20	0.47	0.06	0.48
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	20	0.47	0.06	0.48
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	20	0.47	0.06	0.48
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	20	0.47	0.06	0.48
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	20	0.47	0.06	0.48
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	20	0.47	0.06	0.48
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	20	0.47	0.06	0.48
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	20	0.47	0.06	0.48
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	20	0.46	0.02	0.46

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	20	0.46	0.02	0.46
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	20	0.46	0.02	0.46
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	20	0.45	0.09	0.47

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	20	0.45	0.09	0.47
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	20	0.45	0.09	0.47
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	20	0.44	0.03	0.44
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	20	0.44	0.03	0.44
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	20	0.44	0.03	0.44
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	20	0.44	0.03	0.44
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	20	0.44	0.03	0.44
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	20	0.44	0.03	0.44
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	20	0.44	0.03	0.44
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	20	0.44	0.03	0.44
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	20	0.44	0.03	0.44
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	20	0.44	0.03	0.44
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	20	0.44	0.03	0.44
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	20	0.44	0.03	0.44
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	20	0.44	0.03	0.44
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	20	0.44	0.03	0.44
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	20	0.44	0.03	0.44
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	20	0.44	0.03	0.44
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	20	0.44	0.03	0.44
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	20	0.44	0.03	0.44
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	20	0.43	0.04	0.43
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	20	0.43	0.04	0.43
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	20	0.43	0.04	0.43
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	20	0.43	0.04	0.43
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	20	0.43	0.04	0.43
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	20	0.43	0.04	0.43
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	20	0.43	0.04	0.43

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	20	0.43	0.04	0.43
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	20	0.43	0.04	0.43
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	20	0.42	0.11	0.45

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	20	0.42	0.11	0.45
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	20	0.42	0.11	0.45
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	20	0.4	0.0	0.4
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	20	0.4	0.0	0.4
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	20	0.4	0.0	0.4
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	20	0.4	0.0	0.4
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	20	0.4	0.0	0.4
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	20	0.4	0.0	0.4
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	20	0.4	0.0	0.4
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	20	0.4	0.0	0.4
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	20	0.4	0.0	0.4
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	20	0.38	0.02	0.38
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	20	0.38	0.02	0.38
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	20	0.38	0.02	0.38
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	20	0.38	0.02	0.38
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	20	0.38	0.02	0.38
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	20	0.38	0.02	0.38
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	20	0.38	0.02	0.38
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	20	0.38	0.02	0.38
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	20	0.38	0.02	0.38
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	20	0.38	0.04	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	20	0.38	0.04	0.38
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	20	0.38	0.04	0.38
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	20	0.37	0.06	0.36

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	20	0.37	0.06	0.36
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	20	0.37	0.06	0.36
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	20	0.37	0.1	0.37
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	20	0.37	0.1	0.37
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	20	0.37	0.1	0.37
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	20	0.37	0.1	0.37
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	20	0.37	0.1	0.37
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	20	0.37	0.1	0.37
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	20	0.37	0.1	0.37
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	20	0.37	0.1	0.37
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	20	0.37	0.1	0.37
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	20	0.36	0.08	0.38
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	20	0.36	0.08	0.38
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	20	0.36	0.08	0.38
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	20	0.36	0.08	0.38
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	20	0.36	0.08	0.38
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	20	0.36	0.08	0.38
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	20	0.36	0.08	0.38
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	20	0.36	0.08	0.38
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	20	0.36	0.08	0.38
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	20	0.36	0.08	0.38
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	20	0.36	0.08	0.38
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	20	0.36	0.08	0.38
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	20	0.36	0.08	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	20	0.36	0.08	0.38
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	20	0.36	0.08	0.38
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	20	0.36	0.08	0.38
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	20	0.36	0.08	0.38
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	20	0.36	0.08	0.38
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	20	0.36	0.08	0.38
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	20	0.36	0.08	0.38
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	20	0.36	0.08	0.38
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	20	0.36	0.08	0.38
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	20	0.36	0.08	0.38
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	20	0.36	0.08	0.38
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	20	0.36	0.08	0.38
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	20	0.36	0.08	0.38
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	20	0.36	0.08	0.38
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	20	0.35	0.07	0.36
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	20	0.35	0.07	0.36
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	20	0.34	0.07	0.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	20	0.34	0.07	0.34
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	20	0.34	0.07	0.34
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	20	0.33	0.05	0.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	20	0.33	0.05	0.34
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	20	0.33	0.05	0.34
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	20	0.32	0.01	0.32
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	20	0.32	0.01	0.32
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	20	0.32	0.01	0.32
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	20	0.32	0.01	0.32
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	20	0.32	0.01	0.32
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	20	0.32	0.01	0.32
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	20	0.32	0.01	0.32
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	20	0.32	0.01	0.32
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	20	0.32	0.01	0.32
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	20	0.32	0.02	0.33

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	20	0.32	0.02	0.33
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	20	0.32	0.02	0.33
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	20	0.31	0.01	0.31

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	20	0.31	0.01	0.31
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	20	0.31	0.01	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	20	0.31	0.0	0.31

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	20	0.31	0.0	0.31

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	20	0.31	0.0	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	20	0.31	0.0	0.31
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	20	0.29	0.03	0.28
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	20	0.29	0.03	0.28
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	20	0.29	0.03	0.28
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	20	0.29	0.03	0.28
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	20	0.29	0.03	0.28
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	20	0.29	0.03	0.28
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	20	0.29	0.03	0.28
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	20	0.29	0.03	0.28
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	20	0.29	0.03	0.28
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	20	0.28	0.03	0.28
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	20	0.28	0.03	0.28
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	20	0.28	0.03	0.28
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	20	0.28	0.03	0.28
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	20	0.28	0.03	0.28
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	20	0.28	0.03	0.28
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	20	0.28	0.03	0.28
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	20	0.28	0.03	0.28
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	20	0.28	0.03	0.28
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	20	0.27	0.06	0.28

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	20	0.27	0.06	0.28
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	20	0.27	0.06	0.28
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	20	0.26	0.04	0.26
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	20	0.26	0.04	0.26
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	20	0.26	0.04	0.26
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	20	0.26	0.04	0.26
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	20	0.26	0.04	0.26
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	20	0.26	0.04	0.26
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	20	0.26	0.04	0.26
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	20	0.26	0.04	0.26
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	20	0.26	0.04	0.26
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	20	0.26	0.04	0.26
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	20	0.26	0.04	0.26
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	20	0.26	0.04	0.26
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	20	0.26	0.04	0.26
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	20	0.26	0.04	0.26
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	20	0.26	0.04	0.26
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	20	0.26	0.04	0.26
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	20	0.26	0.04	0.26
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	20	0.26	0.04	0.26
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	20	0.25	0.02	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	20	0.25	0.02	0.24
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	20	0.25	0.02	0.24
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	20	0.24	0.08	0.26
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	20	0.24	0.08	0.26
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	20	0.24	0.08	0.26
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	20	0.24	0.08	0.26
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	20	0.24	0.08	0.26
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	20	0.24	0.08	0.26
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	20	0.24	0.08	0.26
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	20	0.24	0.08	0.26
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	20	0.24	0.08	0.26
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	20	0.24	0.01	0.24
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	20	0.24	0.01	0.24
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	20	0.24	0.01	0.24
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	20	0.24	0.01	0.24
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	20	0.24	0.01	0.24
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	20	0.24	0.01	0.24
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	20	0.24	0.01	0.24
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	20	0.24	0.01	0.24
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	20	0.24	0.01	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	20	0.24	0.0	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	20	0.24	0.0	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	20	0.24	0.0	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	20	0.24	0.0	0.24
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	20	0.22	0.06	0.21
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	20	0.22	0.06	0.21
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	20	0.22	0.06	0.21
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	20	0.22	0.06	0.21
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	20	0.22	0.06	0.21
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	20	0.22	0.06	0.21
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	20	0.22	0.06	0.21
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	20	0.22	0.06	0.21
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	20	0.22	0.06	0.21
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	20	0.21	0.02	0.21
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	20	0.21	0.02	0.21
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	20	0.21	0.02	0.21
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	20	0.21	0.02	0.21
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	20	0.21	0.02	0.21
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	20	0.21	0.02	0.21
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	20	0.21	0.02	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	20	0.21	0.02	0.21
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	20	0.21	0.02	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	20	0.21	0.01	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	20	0.21	0.01	0.21
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	20	0.2	0.04	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	20	0.2	0.04	0.2
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	20	0.2	0.04	0.2
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	20	0.18	0.04	0.16
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	20	0.18	0.04	0.16
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	20	0.17	0.0	0.17

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	20	0.17	0.0	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	20	0.17	0.0	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	20	0.17	0.0	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	20	0.17	0.0	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	20	0.17	0.0	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	20	0.17	0.0	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	20	0.17	0.0	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	20	0.17	0.0	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	20	0.17	0.0	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	20	0.17	0.0	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	20	0.17	0.0	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	20	0.17	0.0	0.17
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	20	0.17	0.0	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	20	0.17	0.0	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	20	0.17	0.0	0.17
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	20	0.17	0.0	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	20	0.17	0.0	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	20	0.17	0.0	0.17

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	20	0.17	0.0	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	20	0.17	0.0	0.17
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	20	0.13	0.01	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	20	0.13	0.01	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	20	0.13	0.01	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	20	0.12	0.0	0.12

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	20	0.12	0.0	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	20	0.12	0.0	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	20	0.12	0.0	0.12
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	19	0.42	0.11	0.44
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	19	0.42	0.11	0.44
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	19	0.42	0.11	0.44
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	19	0.42	0.11	0.44
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	19	0.42	0.11	0.44
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	19	0.42	0.11	0.44
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	19	0.42	0.11	0.44
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	19	0.42	0.11	0.44
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	19	0.42	0.11	0.44
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	19	0.38	0.12	0.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	19	0.38	0.12	0.4
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	19	0.38	0.12	0.4
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	19	0.37	0.06	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	19	0.37	0.06	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	19	0.37	0.06	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	19	0.37	0.06	0.38
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	19	0.37	0.06	0.38
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	19	0.2	0.04	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	19	0.2	0.04	0.2
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	19	0.2	0.04	0.2
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	19	0.12	0.01	0.12
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	19	0.12	0.01	0.12
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	19	0.12	0.01	0.12
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	19	0.12	0.01	0.12

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	19	0.12	0.01	0.12
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	19	0.12	0.01	0.12
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	19	0.12	0.01	0.12
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	19	0.12	0.01	0.12
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	19	0.12	0.01	0.12
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	18	0.67	0.21	0.7
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	18	0.67	0.21	0.7
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	18	0.67	0.21	0.7
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	18	0.67	0.21	0.7
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	18	0.67	0.21	0.7
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	18	0.67	0.21	0.7
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	18	0.67	0.21	0.7
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	18	0.67	0.21	0.7
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	18	0.67	0.21	0.7
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	18	0.67	0.21	0.7
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	18	0.67	0.21	0.7
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	18	0.67	0.21	0.7
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	18	0.67	0.21	0.7
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	18	0.67	0.21	0.7
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	18	0.67	0.21	0.7
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	18	0.67	0.21	0.7
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	18	0.67	0.21	0.7
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	18	0.67	0.21	0.7
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	18	0.31	0.11	0.31
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	18	0.31	0.11	0.31
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	18	0.31	0.11	0.31
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	18	0.31	0.11	0.31
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	18	0.31	0.11	0.31
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	18	0.31	0.11	0.31
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	18	0.31	0.11	0.31
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	18	0.31	0.11	0.31
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	18	0.31	0.11	0.31
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	18	0.31	0.11	0.31
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	18	0.31	0.11	0.31
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	18	0.31	0.11	0.31
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	18	0.31	0.11	0.31
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	18	0.31	0.11	0.31
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	18	0.31	0.11	0.31
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	18	0.31	0.11	0.31
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	18	0.31	0.11	0.31
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	18	0.31	0.11	0.31
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	18	0.31	0.11	0.31

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	18	0.31	0.11	0.31
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	18	0.31	0.11	0.31
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	18	0.31	0.11	0.31
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	18	0.31	0.11	0.31
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	18	0.31	0.11	0.31
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	18	0.31	0.11	0.31
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	18	0.31	0.11	0.31
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	18	0.31	0.11	0.31
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	18	0.17	0.04	0.16
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	18	0.17	0.04	0.16
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	17	0.67	0.24	0.7
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	17	0.67	0.24	0.7
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	17	0.67	0.24	0.7
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	17	0.67	0.24	0.7
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	17	0.67	0.24	0.7
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	17	0.67	0.24	0.7
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	17	0.67	0.24	0.7

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	17	0.67	0.24	0.7
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	17	0.67	0.24	0.7
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	17	0.67	0.24	0.7
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	17	0.67	0.24	0.7
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	17	0.67	0.24	0.7
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	17	0.67	0.24	0.7
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	17	0.67	0.24	0.7
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	17	0.67	0.24	0.7
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	17	0.67	0.24	0.7
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	17	0.67	0.24	0.7
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	17	0.67	0.24	0.7
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	17	0.43	0.14	0.47
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	17	0.43	0.14	0.47
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	17	0.43	0.14	0.47
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	17	0.43	0.14	0.47
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	17	0.43	0.14	0.47
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	17	0.43	0.14	0.47
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	17	0.43	0.14	0.47
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	17	0.43	0.14	0.47
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	17	0.43	0.14	0.47
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	17	0.43	0.14	0.47
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	17	0.43	0.14	0.47
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	17	0.43	0.14	0.47
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	17	0.43	0.14	0.47
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	17	0.43	0.14	0.47
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	17	0.43	0.14	0.47
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	17	0.43	0.14	0.47
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	17	0.43	0.14	0.47
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	17	0.43	0.14	0.47
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	17	0.43	0.14	0.47
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	17	0.43	0.14	0.47
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	17	0.43	0.14	0.47
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	17	0.43	0.14	0.47
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	17	0.43	0.14	0.47
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	17	0.43	0.14	0.47
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	17	0.43	0.14	0.47
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	17	0.43	0.14	0.47
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	17	0.43	0.14	0.47
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	17	0.41	0.18	0.5
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	17	0.41	0.18	0.5
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	17	0.41	0.18	0.5
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	17	0.41	0.18	0.5

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	17	0.41	0.18	0.5
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	17	0.41	0.18	0.5
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	17	0.41	0.18	0.5
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	17	0.41	0.18	0.5
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	17	0.41	0.18	0.5
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	17	0.41	0.18	0.5
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	17	0.41	0.18	0.5
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	17	0.41	0.18	0.5
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	17	0.41	0.18	0.5
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	17	0.41	0.18	0.5
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	17	0.41	0.18	0.5
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	17	0.41	0.18	0.5
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	17	0.41	0.18	0.5
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	17	0.41	0.18	0.5
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	17	0.41	0.18	0.5
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	17	0.41	0.18	0.5
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	17	0.41	0.18	0.5
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	17	0.41	0.18	0.5
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	17	0.41	0.18	0.5
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	17	0.41	0.18	0.5
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	17	0.41	0.18	0.5
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	17	0.41	0.18	0.5
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	17	0.41	0.18	0.5
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	16	0.48	0.21	0.51
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	16	0.48	0.21	0.51
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	16	0.48	0.21	0.51
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	16	0.48	0.21	0.51
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	16	0.48	0.21	0.51
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	16	0.48	0.21	0.51
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	16	0.48	0.21	0.51
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	16	0.48	0.21	0.51
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	16	0.48	0.21	0.51
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	16	0.48	0.21	0.51
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	16	0.48	0.21	0.51
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	16	0.48	0.21	0.51
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	16	0.48	0.21	0.51
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	16	0.48	0.21	0.51
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	16	0.48	0.21	0.51
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	16	0.48	0.21	0.51
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	16	0.48	0.21	0.51
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	16	0.48	0.21	0.51
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	16	0.28	0.06	0.29

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	16	0.28	0.06	0.29

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	16	0.28	0.06	0.29
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	16	0.28	0.06	0.29
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	16	0.21	0.1	0.18
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	16	0.21	0.1	0.18
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	16	0.21	0.1	0.18
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	16	0.21	0.1	0.18
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	16	0.21	0.1	0.18
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	16	0.21	0.1	0.18
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	16	0.21	0.1	0.18
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	16	0.21	0.1	0.18
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	16	0.21	0.1	0.18
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	16	0.19	0.05	0.18

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	16	0.19	0.05	0.18
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	16	0.19	0.05	0.18
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	16	0.14	0.02	0.13

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	16	0.14	0.02	0.13

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	16	0.14	0.02	0.13
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	16	0.14	0.02	0.13
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	15	0.16	0.05	0.14
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	15	0.16	0.05	0.14
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	15	0.13	0.02	0.12
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	15	0.13	0.02	0.12
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	15	0.13	0.02	0.12
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	15	0.13	0.02	0.12
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	15	0.13	0.02	0.12
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	15	0.13	0.02	0.12
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	15	0.13	0.02	0.12
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	15	0.13	0.02	0.12
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	15	0.13	0.02	0.12
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	15	0.12	0.01	0.12
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	15	0.12	0.01	0.12
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	15	0.12	0.01	0.12
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	15	0.12	0.01	0.12

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	15	0.12	0.01	0.12
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	15	0.12	0.01	0.12
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	15	0.12	0.01	0.12
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	15	0.12	0.01	0.12
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	15	0.12	0.01	0.12
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	14	0.15	0.02	0.14
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	14	0.15	0.02	0.14
(1,92)	1:A:14:TRP:HD1	1:A:15:THR:HB	13	0.37	0.24	0.27
(1,92)	1:A:14:TRP:HD1	1:B:15:THR:HB	13	0.37	0.24	0.27
(1,92)	1:A:14:TRP:HD1	1:C:15:THR:HB	13	0.37	0.24	0.27
(1,92)	1:B:14:TRP:HD1	1:A:15:THR:HB	13	0.37	0.24	0.27
(1,92)	1:B:14:TRP:HD1	1:B:15:THR:HB	13	0.37	0.24	0.27
(1,92)	1:B:14:TRP:HD1	1:C:15:THR:HB	13	0.37	0.24	0.27
(1,92)	1:C:14:TRP:HD1	1:A:15:THR:HB	13	0.37	0.24	0.27
(1,92)	1:C:14:TRP:HD1	1:B:15:THR:HB	13	0.37	0.24	0.27
(1,92)	1:C:14:TRP:HD1	1:C:15:THR:HB	13	0.37	0.24	0.27
(1,217)	1:A:17:MET:HB2	1:A:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:A:17:MET:HB2	1:B:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:A:17:MET:HB2	1:C:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:A:17:MET:HB3	1:A:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:A:17:MET:HB3	1:B:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:A:17:MET:HB3	1:C:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:B:17:MET:HB2	1:A:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:B:17:MET:HB2	1:B:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:B:17:MET:HB2	1:C:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:B:17:MET:HB3	1:A:14:TRP:HA	13	0.2	0.04	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,217)	1:B:17:MET:HB3	1:B:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:B:17:MET:HB3	1:C:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:C:17:MET:HB2	1:A:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:C:17:MET:HB2	1:B:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:C:17:MET:HB2	1:C:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:C:17:MET:HB3	1:A:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:C:17:MET:HB3	1:B:14:TRP:HA	13	0.2	0.04	0.21
(1,217)	1:C:17:MET:HB3	1:C:14:TRP:HA	13	0.2	0.04	0.21
(1,309)	1:A:5:ALA:HB1	1:A:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:A:5:ALA:HB1	1:B:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:A:5:ALA:HB1	1:C:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:A:5:ALA:HB2	1:A:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:A:5:ALA:HB2	1:B:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:A:5:ALA:HB2	1:C:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:A:5:ALA:HB3	1:A:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:A:5:ALA:HB3	1:B:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:A:5:ALA:HB3	1:C:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:B:5:ALA:HB1	1:A:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:B:5:ALA:HB1	1:B:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:B:5:ALA:HB1	1:C:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:B:5:ALA:HB2	1:A:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:B:5:ALA:HB2	1:B:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:B:5:ALA:HB2	1:C:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:B:5:ALA:HB3	1:A:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:B:5:ALA:HB3	1:B:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:B:5:ALA:HB3	1:C:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:C:5:ALA:HB1	1:A:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:C:5:ALA:HB1	1:B:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:C:5:ALA:HB1	1:C:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:C:5:ALA:HB2	1:A:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:C:5:ALA:HB2	1:B:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:C:5:ALA:HB2	1:C:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:C:5:ALA:HB3	1:A:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:C:5:ALA:HB3	1:B:21:TRP:HE3	12	0.17	0.04	0.17
(1,309)	1:C:5:ALA:HB3	1:C:21:TRP:HE3	12	0.17	0.04	0.17
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG21	12	0.17	0.05	0.17

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG21	12	0.17	0.05	0.17

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG23	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG21	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG22	12	0.17	0.05	0.17
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG23	12	0.17	0.05	0.17
(1,62)	1:A:18:ILE:HD11	1:A:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:A:18:ILE:HD11	1:B:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:A:18:ILE:HD11	1:C:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:A:18:ILE:HD12	1:A:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:A:18:ILE:HD12	1:B:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:A:18:ILE:HD12	1:C:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:A:18:ILE:HD13	1:A:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:A:18:ILE:HD13	1:B:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:A:18:ILE:HD13	1:C:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:B:18:ILE:HD11	1:A:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:B:18:ILE:HD11	1:B:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:B:18:ILE:HD11	1:C:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:B:18:ILE:HD12	1:A:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:B:18:ILE:HD12	1:B:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:B:18:ILE:HD12	1:C:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:B:18:ILE:HD13	1:A:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:B:18:ILE:HD13	1:B:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:B:18:ILE:HD13	1:C:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:C:18:ILE:HD11	1:A:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:C:18:ILE:HD11	1:B:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:C:18:ILE:HD11	1:C:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:C:18:ILE:HD12	1:A:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:C:18:ILE:HD12	1:B:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:C:18:ILE:HD12	1:C:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:C:18:ILE:HD13	1:A:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:C:18:ILE:HD13	1:B:18:ILE:HB	12	0.13	0.01	0.13
(1,62)	1:C:18:ILE:HD13	1:C:18:ILE:HB	12	0.13	0.01	0.13
(1,201)	1:A:19:ASP:HB2	1:A:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:A:19:ASP:HB2	1:B:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:A:19:ASP:HB2	1:C:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:A:19:ASP:HB3	1:A:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:A:19:ASP:HB3	1:B:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:A:19:ASP:HB3	1:C:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:B:19:ASP:HB2	1:A:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:B:19:ASP:HB2	1:B:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:B:19:ASP:HB2	1:C:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:B:19:ASP:HB3	1:A:20:GLY:H	11	0.13	0.02	0.12

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,201)	1:B:19:ASP:HB3	1:B:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:B:19:ASP:HB3	1:C:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:C:19:ASP:HB2	1:A:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:C:19:ASP:HB2	1:B:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:C:19:ASP:HB2	1:C:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:C:19:ASP:HB3	1:A:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:C:19:ASP:HB3	1:B:20:GLY:H	11	0.13	0.02	0.12
(1,201)	1:C:19:ASP:HB3	1:C:20:GLY:H	11	0.13	0.02	0.12
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD11	10	0.28	0.12	0.29
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD12	10	0.28	0.12	0.29
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD13	10	0.28	0.12	0.29
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD11	10	0.28	0.12	0.29
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD12	10	0.28	0.12	0.29
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD13	10	0.28	0.12	0.29
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD11	10	0.28	0.12	0.29
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD12	10	0.28	0.12	0.29
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD13	10	0.28	0.12	0.29
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD11	10	0.28	0.12	0.29
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD12	10	0.28	0.12	0.29
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD13	10	0.28	0.12	0.29
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD11	10	0.28	0.12	0.29
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD12	10	0.28	0.12	0.29
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD13	10	0.28	0.12	0.29
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD11	10	0.28	0.12	0.29
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD12	10	0.28	0.12	0.29
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD13	10	0.28	0.12	0.29
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD11	10	0.28	0.12	0.29
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD12	10	0.28	0.12	0.29
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD13	10	0.28	0.12	0.29
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD11	10	0.28	0.12	0.29
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD12	10	0.28	0.12	0.29
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD13	10	0.28	0.12	0.29
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD11	10	0.28	0.12	0.29
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD12	10	0.28	0.12	0.29
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD13	10	0.28	0.12	0.29
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG21	10	0.24	0.1	0.21
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG22	10	0.24	0.1	0.21
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG23	10	0.24	0.1	0.21
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG21	10	0.24	0.1	0.21
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG22	10	0.24	0.1	0.21
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG23	10	0.24	0.1	0.21
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG21	10	0.24	0.1	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG22	10	0.24	0.1	0.21
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG23	10	0.24	0.1	0.21
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG21	10	0.24	0.1	0.21
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG22	10	0.24	0.1	0.21
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG23	10	0.24	0.1	0.21
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG21	10	0.24	0.1	0.21
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG22	10	0.24	0.1	0.21
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG23	10	0.24	0.1	0.21
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG21	10	0.24	0.1	0.21
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG22	10	0.24	0.1	0.21
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG23	10	0.24	0.1	0.21
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG21	10	0.24	0.1	0.21
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG22	10	0.24	0.1	0.21
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG23	10	0.24	0.1	0.21
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG21	10	0.24	0.1	0.21
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG22	10	0.24	0.1	0.21
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG23	10	0.24	0.1	0.21
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG21	10	0.24	0.1	0.21
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG22	10	0.24	0.1	0.21
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG23	10	0.24	0.1	0.21
(1,278)	1:A:2:LEU:HA	1:A:6:ILE:H	10	0.18	0.04	0.18
(1,278)	1:A:2:LEU:HA	1:B:6:ILE:H	10	0.18	0.04	0.18
(1,278)	1:A:2:LEU:HA	1:C:6:ILE:H	10	0.18	0.04	0.18
(1,278)	1:B:2:LEU:HA	1:A:6:ILE:H	10	0.18	0.04	0.18
(1,278)	1:B:2:LEU:HA	1:B:6:ILE:H	10	0.18	0.04	0.18
(1,278)	1:B:2:LEU:HA	1:C:6:ILE:H	10	0.18	0.04	0.18
(1,278)	1:C:2:LEU:HA	1:A:6:ILE:H	10	0.18	0.04	0.18
(1,278)	1:C:2:LEU:HA	1:B:6:ILE:H	10	0.18	0.04	0.18
(1,278)	1:C:2:LEU:HA	1:C:6:ILE:H	10	0.18	0.04	0.18
(1,237)	1:A:14:TRP:HD1	1:A:10:ILE:HA	9	0.32	0.14	0.33
(1,237)	1:A:14:TRP:HD1	1:B:10:ILE:HA	9	0.32	0.14	0.33
(1,237)	1:A:14:TRP:HD1	1:C:10:ILE:HA	9	0.32	0.14	0.33
(1,237)	1:B:14:TRP:HD1	1:A:10:ILE:HA	9	0.32	0.14	0.33
(1,237)	1:B:14:TRP:HD1	1:B:10:ILE:HA	9	0.32	0.14	0.33
(1,237)	1:B:14:TRP:HD1	1:C:10:ILE:HA	9	0.32	0.14	0.33
(1,237)	1:C:14:TRP:HD1	1:A:10:ILE:HA	9	0.32	0.14	0.33
(1,237)	1:C:14:TRP:HD1	1:B:10:ILE:HA	9	0.32	0.14	0.33
(1,237)	1:C:14:TRP:HD1	1:C:10:ILE:HA	9	0.32	0.14	0.33
(1,220)	1:A:18:ILE:HB	1:A:15:THR:HA	9	0.26	0.1	0.23
(1,220)	1:A:18:ILE:HB	1:B:15:THR:HA	9	0.26	0.1	0.23
(1,220)	1:A:18:ILE:HB	1:C:15:THR:HA	9	0.26	0.1	0.23
(1,220)	1:B:18:ILE:HB	1:A:15:THR:HA	9	0.26	0.1	0.23

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,220)	1:B:18:ILE:HB	1:B:15:THR:HA	9	0.26	0.1	0.23
(1,220)	1:B:18:ILE:HB	1:C:15:THR:HA	9	0.26	0.1	0.23
(1,220)	1:C:18:ILE:HB	1:A:15:THR:HA	9	0.26	0.1	0.23
(1,220)	1:C:18:ILE:HB	1:B:15:THR:HA	9	0.26	0.1	0.23
(1,220)	1:C:18:ILE:HB	1:C:15:THR:HA	9	0.26	0.1	0.23
(1,186)	1:A:14:TRP:HB2	1:A:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:A:14:TRP:HB2	1:B:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:A:14:TRP:HB2	1:C:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:A:14:TRP:HB3	1:A:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:A:14:TRP:HB3	1:B:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:A:14:TRP:HB3	1:C:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:B:14:TRP:HB2	1:A:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:B:14:TRP:HB2	1:B:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:B:14:TRP:HB2	1:C:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:B:14:TRP:HB3	1:A:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:B:14:TRP:HB3	1:B:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:B:14:TRP:HB3	1:C:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:C:14:TRP:HB2	1:A:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:C:14:TRP:HB2	1:B:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:C:14:TRP:HB2	1:C:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:C:14:TRP:HB3	1:A:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:C:14:TRP:HB3	1:B:15:THR:H	9	0.16	0.05	0.17
(1,186)	1:C:14:TRP:HB3	1:C:15:THR:H	9	0.16	0.05	0.17
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB2	9	0.14	0.02	0.13

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB3	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB2	9	0.14	0.02	0.13
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB3	9	0.14	0.02	0.13
(1,164)	1:A:6:ILE:HD11	1:A:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:A:6:ILE:HD11	1:B:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:A:6:ILE:HD11	1:C:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:A:6:ILE:HD12	1:A:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:A:6:ILE:HD12	1:B:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:A:6:ILE:HD12	1:C:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:A:6:ILE:HD13	1:A:7:ALA:H	9	0.12	0.01	0.12

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,164)	1:A:6:ILE:HD13	1:B:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:A:6:ILE:HD13	1:C:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:B:6:ILE:HD11	1:A:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:B:6:ILE:HD11	1:B:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:B:6:ILE:HD11	1:C:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:B:6:ILE:HD12	1:A:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:B:6:ILE:HD12	1:B:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:B:6:ILE:HD12	1:C:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:B:6:ILE:HD13	1:A:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:B:6:ILE:HD13	1:B:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:B:6:ILE:HD13	1:C:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:C:6:ILE:HD11	1:A:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:C:6:ILE:HD11	1:B:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:C:6:ILE:HD11	1:C:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:C:6:ILE:HD12	1:A:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:C:6:ILE:HD12	1:B:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:C:6:ILE:HD12	1:C:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:C:6:ILE:HD13	1:A:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:C:6:ILE:HD13	1:B:7:ALA:H	9	0.12	0.01	0.12
(1,164)	1:C:6:ILE:HD13	1:C:7:ALA:H	9	0.12	0.01	0.12
(1,270)	1:A:14:TRP:HE3	1:A:18:ILE:HG12	6	0.21	0.08	0.2
(1,270)	1:A:14:TRP:HE3	1:A:18:ILE:HG13	6	0.21	0.08	0.2
(1,270)	1:A:14:TRP:HE3	1:B:18:ILE:HG12	6	0.21	0.08	0.2
(1,270)	1:A:14:TRP:HE3	1:B:18:ILE:HG13	6	0.21	0.08	0.2
(1,270)	1:A:14:TRP:HE3	1:C:18:ILE:HG12	6	0.21	0.08	0.2
(1,270)	1:A:14:TRP:HE3	1:C:18:ILE:HG13	6	0.21	0.08	0.2
(1,270)	1:B:14:TRP:HE3	1:A:18:ILE:HG12	6	0.21	0.08	0.2
(1,270)	1:B:14:TRP:HE3	1:A:18:ILE:HG13	6	0.21	0.08	0.2
(1,270)	1:B:14:TRP:HE3	1:B:18:ILE:HG12	6	0.21	0.08	0.2
(1,270)	1:B:14:TRP:HE3	1:B:18:ILE:HG13	6	0.21	0.08	0.2
(1,270)	1:B:14:TRP:HE3	1:C:18:ILE:HG12	6	0.21	0.08	0.2
(1,270)	1:B:14:TRP:HE3	1:C:18:ILE:HG13	6	0.21	0.08	0.2
(1,270)	1:C:14:TRP:HE3	1:A:18:ILE:HG12	6	0.21	0.08	0.2
(1,270)	1:C:14:TRP:HE3	1:A:18:ILE:HG13	6	0.21	0.08	0.2
(1,270)	1:C:14:TRP:HE3	1:B:18:ILE:HG12	6	0.21	0.08	0.2
(1,270)	1:C:14:TRP:HE3	1:B:18:ILE:HG13	6	0.21	0.08	0.2
(1,270)	1:C:14:TRP:HE3	1:C:18:ILE:HG12	6	0.21	0.08	0.2
(1,270)	1:C:14:TRP:HE3	1:C:18:ILE:HG13	6	0.21	0.08	0.2
(1,33)	1:A:17:MET:HE1	1:A:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:A:17:MET:HE1	1:B:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:A:17:MET:HE1	1:C:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:A:17:MET:HE2	1:A:18:ILE:HA	6	0.17	0.04	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	1:A:17:MET:HE2	1:B:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:A:17:MET:HE2	1:C:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:A:17:MET:HE3	1:A:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:A:17:MET:HE3	1:B:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:A:17:MET:HE3	1:C:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:B:17:MET:HE1	1:A:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:B:17:MET:HE1	1:B:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:B:17:MET:HE1	1:C:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:B:17:MET:HE2	1:A:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:B:17:MET:HE2	1:B:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:B:17:MET:HE2	1:C:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:B:17:MET:HE3	1:A:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:B:17:MET:HE3	1:B:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:B:17:MET:HE3	1:C:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:C:17:MET:HE1	1:A:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:C:17:MET:HE1	1:B:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:C:17:MET:HE1	1:C:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:C:17:MET:HE2	1:A:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:C:17:MET:HE2	1:B:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:C:17:MET:HE2	1:C:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:C:17:MET:HE3	1:A:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:C:17:MET:HE3	1:B:18:ILE:HA	6	0.17	0.04	0.16
(1,33)	1:C:17:MET:HE3	1:C:18:ILE:HA	6	0.17	0.04	0.16
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG21	5	0.17	0.02	0.17
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG22	5	0.17	0.02	0.17
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG23	5	0.17	0.02	0.17
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG21	5	0.17	0.02	0.17
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG22	5	0.17	0.02	0.17
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG23	5	0.17	0.02	0.17
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG21	5	0.17	0.02	0.17
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG22	5	0.17	0.02	0.17
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG23	5	0.17	0.02	0.17
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG21	5	0.17	0.02	0.17
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG22	5	0.17	0.02	0.17
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG23	5	0.17	0.02	0.17
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG21	5	0.17	0.02	0.17
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG22	5	0.17	0.02	0.17
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG23	5	0.17	0.02	0.17
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG21	5	0.17	0.02	0.17
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG22	5	0.17	0.02	0.17
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG23	5	0.17	0.02	0.17
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG21	5	0.17	0.02	0.17

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG22	5	0.17	0.02	0.17
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG23	5	0.17	0.02	0.17
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG21	5	0.17	0.02	0.17
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG22	5	0.17	0.02	0.17
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG23	5	0.17	0.02	0.17
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG21	5	0.17	0.02	0.17
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG22	5	0.17	0.02	0.17
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG23	5	0.17	0.02	0.17
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD11	5	0.16	0.04	0.18
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD12	5	0.16	0.04	0.18
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD13	5	0.16	0.04	0.18
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD11	5	0.16	0.04	0.18
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD12	5	0.16	0.04	0.18
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD13	5	0.16	0.04	0.18
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD11	5	0.16	0.04	0.18
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD12	5	0.16	0.04	0.18
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD13	5	0.16	0.04	0.18
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD11	5	0.16	0.04	0.18
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD12	5	0.16	0.04	0.18
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD13	5	0.16	0.04	0.18
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD11	5	0.16	0.04	0.18
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD12	5	0.16	0.04	0.18
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD13	5	0.16	0.04	0.18
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD11	5	0.16	0.04	0.18
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD12	5	0.16	0.04	0.18
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD13	5	0.16	0.04	0.18
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD11	5	0.16	0.04	0.18
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD12	5	0.16	0.04	0.18
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD13	5	0.16	0.04	0.18
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD11	5	0.16	0.04	0.18
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD12	5	0.16	0.04	0.18
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD13	5	0.16	0.04	0.18
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD11	5	0.16	0.04	0.18
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD12	5	0.16	0.04	0.18
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD13	5	0.16	0.04	0.18
(1,115)	1:A:4:GLY:H	1:A:3:PHE:H	5	0.12	0.01	0.12
(1,115)	1:A:4:GLY:H	1:B:3:PHE:H	5	0.12	0.01	0.12
(1,115)	1:A:4:GLY:H	1:C:3:PHE:H	5	0.12	0.01	0.12
(1,115)	1:B:4:GLY:H	1:A:3:PHE:H	5	0.12	0.01	0.12
(1,115)	1:B:4:GLY:H	1:B:3:PHE:H	5	0.12	0.01	0.12
(1,115)	1:B:4:GLY:H	1:C:3:PHE:H	5	0.12	0.01	0.12
(1,115)	1:C:4:GLY:H	1:A:3:PHE:H	5	0.12	0.01	0.12

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,115)	1:C:4:GLY:H	1:B:3:PHE:H	5	0.12	0.01	0.12
(1,115)	1:C:4:GLY:H	1:C:3:PHE:H	5	0.12	0.01	0.12
(1,295)	1:A:5:ALA:HB1	1:A:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:A:5:ALA:HB1	1:B:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:A:5:ALA:HB1	1:C:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:A:5:ALA:HB2	1:A:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:A:5:ALA:HB2	1:B:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:A:5:ALA:HB2	1:C:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:A:5:ALA:HB3	1:A:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:A:5:ALA:HB3	1:B:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:A:5:ALA:HB3	1:C:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:B:5:ALA:HB1	1:A:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:B:5:ALA:HB1	1:B:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:B:5:ALA:HB1	1:C:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:B:5:ALA:HB2	1:A:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:B:5:ALA:HB2	1:B:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:B:5:ALA:HB2	1:C:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:B:5:ALA:HB3	1:A:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:B:5:ALA:HB3	1:B:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:B:5:ALA:HB3	1:C:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:C:5:ALA:HB1	1:A:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:C:5:ALA:HB1	1:B:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:C:5:ALA:HB1	1:C:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:C:5:ALA:HB2	1:A:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:C:5:ALA:HB2	1:B:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:C:5:ALA:HB2	1:C:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:C:5:ALA:HB3	1:A:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:C:5:ALA:HB3	1:B:21:TRP:HA	4	0.19	0.02	0.2
(1,295)	1:C:5:ALA:HB3	1:C:21:TRP:HA	4	0.19	0.02	0.2
(1,180)	1:A:10:ILE:HG21	1:A:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:A:10:ILE:HG21	1:B:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:A:10:ILE:HG21	1:C:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:A:10:ILE:HG22	1:A:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:A:10:ILE:HG22	1:B:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:A:10:ILE:HG22	1:C:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:A:10:ILE:HG23	1:A:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:A:10:ILE:HG23	1:B:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:A:10:ILE:HG23	1:C:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:B:10:ILE:HG21	1:A:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:B:10:ILE:HG21	1:B:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:B:10:ILE:HG21	1:C:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:B:10:ILE:HG22	1:A:11:GLU:H	4	0.14	0.02	0.13

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,180)	1:B:10:ILE:HG22	1:B:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:B:10:ILE:HG22	1:C:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:B:10:ILE:HG23	1:A:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:B:10:ILE:HG23	1:B:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:B:10:ILE:HG23	1:C:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:C:10:ILE:HG21	1:A:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:C:10:ILE:HG21	1:B:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:C:10:ILE:HG21	1:C:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:C:10:ILE:HG22	1:A:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:C:10:ILE:HG22	1:B:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:C:10:ILE:HG22	1:C:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:C:10:ILE:HG23	1:A:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:C:10:ILE:HG23	1:B:11:GLU:H	4	0.14	0.02	0.13
(1,180)	1:C:10:ILE:HG23	1:C:11:GLU:H	4	0.14	0.02	0.13
(1,117)	1:A:4:GLY:H	1:A:5:ALA:H	4	0.12	0.01	0.12
(1,117)	1:A:4:GLY:H	1:B:5:ALA:H	4	0.12	0.01	0.12
(1,117)	1:A:4:GLY:H	1:C:5:ALA:H	4	0.12	0.01	0.12
(1,117)	1:B:4:GLY:H	1:A:5:ALA:H	4	0.12	0.01	0.12
(1,117)	1:B:4:GLY:H	1:B:5:ALA:H	4	0.12	0.01	0.12
(1,117)	1:B:4:GLY:H	1:C:5:ALA:H	4	0.12	0.01	0.12
(1,117)	1:C:4:GLY:H	1:A:5:ALA:H	4	0.12	0.01	0.12
(1,117)	1:C:4:GLY:H	1:B:5:ALA:H	4	0.12	0.01	0.12
(1,117)	1:C:4:GLY:H	1:C:5:ALA:H	4	0.12	0.01	0.12
(1,256)	1:A:14:TRP:HZ3	1:A:17:MET:HE1	3	0.2	0.02	0.21
(1,256)	1:A:14:TRP:HZ3	1:A:17:MET:HE2	3	0.2	0.02	0.21
(1,256)	1:A:14:TRP:HZ3	1:A:17:MET:HE3	3	0.2	0.02	0.21
(1,256)	1:A:14:TRP:HZ3	1:B:17:MET:HE1	3	0.2	0.02	0.21
(1,256)	1:A:14:TRP:HZ3	1:B:17:MET:HE2	3	0.2	0.02	0.21
(1,256)	1:A:14:TRP:HZ3	1:B:17:MET:HE3	3	0.2	0.02	0.21
(1,256)	1:A:14:TRP:HZ3	1:C:17:MET:HE1	3	0.2	0.02	0.21
(1,256)	1:A:14:TRP:HZ3	1:C:17:MET:HE2	3	0.2	0.02	0.21
(1,256)	1:A:14:TRP:HZ3	1:C:17:MET:HE3	3	0.2	0.02	0.21
(1,256)	1:B:14:TRP:HZ3	1:A:17:MET:HE1	3	0.2	0.02	0.21
(1,256)	1:B:14:TRP:HZ3	1:A:17:MET:HE2	3	0.2	0.02	0.21
(1,256)	1:B:14:TRP:HZ3	1:A:17:MET:HE3	3	0.2	0.02	0.21
(1,256)	1:B:14:TRP:HZ3	1:B:17:MET:HE1	3	0.2	0.02	0.21
(1,256)	1:B:14:TRP:HZ3	1:B:17:MET:HE2	3	0.2	0.02	0.21
(1,256)	1:B:14:TRP:HZ3	1:B:17:MET:HE3	3	0.2	0.02	0.21
(1,256)	1:B:14:TRP:HZ3	1:C:17:MET:HE1	3	0.2	0.02	0.21
(1,256)	1:B:14:TRP:HZ3	1:C:17:MET:HE2	3	0.2	0.02	0.21
(1,256)	1:B:14:TRP:HZ3	1:C:17:MET:HE3	3	0.2	0.02	0.21
(1,256)	1:C:14:TRP:HZ3	1:A:17:MET:HE1	3	0.2	0.02	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,256)	1:C:14:TRP:HZ3	1:A:17:MET:HE2	3	0.2	0.02	0.21
(1,256)	1:C:14:TRP:HZ3	1:A:17:MET:HE3	3	0.2	0.02	0.21
(1,256)	1:C:14:TRP:HZ3	1:B:17:MET:HE1	3	0.2	0.02	0.21
(1,256)	1:C:14:TRP:HZ3	1:B:17:MET:HE2	3	0.2	0.02	0.21
(1,256)	1:C:14:TRP:HZ3	1:B:17:MET:HE3	3	0.2	0.02	0.21
(1,256)	1:C:14:TRP:HZ3	1:C:17:MET:HE1	3	0.2	0.02	0.21
(1,256)	1:C:14:TRP:HZ3	1:C:17:MET:HE2	3	0.2	0.02	0.21
(1,256)	1:C:14:TRP:HZ3	1:C:17:MET:HE3	3	0.2	0.02	0.21
(1,208)	1:A:6:ILE:HD11	1:A:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:A:6:ILE:HD11	1:B:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:A:6:ILE:HD11	1:C:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:A:6:ILE:HD12	1:A:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:A:6:ILE:HD12	1:B:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:A:6:ILE:HD12	1:C:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:A:6:ILE:HD13	1:A:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:A:6:ILE:HD13	1:B:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:A:6:ILE:HD13	1:C:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:B:6:ILE:HD11	1:A:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:B:6:ILE:HD11	1:B:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:B:6:ILE:HD11	1:C:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:B:6:ILE:HD12	1:A:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:B:6:ILE:HD12	1:B:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:B:6:ILE:HD12	1:C:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:B:6:ILE:HD13	1:A:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:B:6:ILE:HD13	1:B:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:B:6:ILE:HD13	1:C:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:C:6:ILE:HD11	1:A:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:C:6:ILE:HD11	1:B:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:C:6:ILE:HD11	1:C:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:C:6:ILE:HD12	1:A:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:C:6:ILE:HD12	1:B:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:C:6:ILE:HD12	1:C:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:C:6:ILE:HD13	1:A:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:C:6:ILE:HD13	1:B:2:LEU:HA	2	0.16	0.05	0.16
(1,208)	1:C:6:ILE:HD13	1:C:2:LEU:HA	2	0.16	0.05	0.16
(1,197)	1:A:18:ILE:HG12	1:A:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:A:18:ILE:HG12	1:B:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:A:18:ILE:HG12	1:C:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:A:18:ILE:HG13	1:A:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:A:18:ILE:HG13	1:B:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:A:18:ILE:HG13	1:C:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:B:18:ILE:HG12	1:A:18:ILE:H	2	0.12	0.0	0.12

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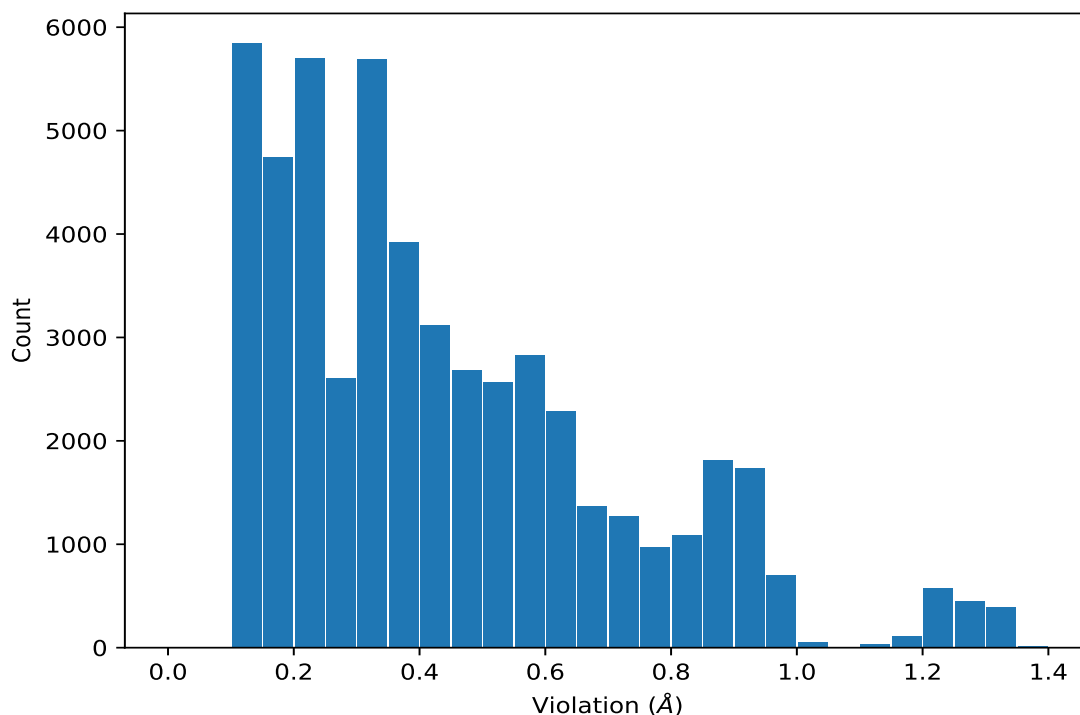
Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,197)	1:B:18:ILE:HG12	1:B:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:B:18:ILE:HG12	1:C:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:B:18:ILE:HG13	1:A:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:B:18:ILE:HG13	1:B:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:B:18:ILE:HG13	1:C:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:C:18:ILE:HG12	1:A:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:C:18:ILE:HG12	1:B:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:C:18:ILE:HG12	1:C:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:C:18:ILE:HG13	1:A:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:C:18:ILE:HG13	1:B:18:ILE:H	2	0.12	0.0	0.12
(1,197)	1:C:18:ILE:HG13	1:C:18:ILE:H	2	0.12	0.0	0.12
(1,129)	1:A:9:PHE:HA	1:A:10:ILE:H	2	0.11	0.0	0.11
(1,129)	1:A:9:PHE:HA	1:B:10:ILE:H	2	0.11	0.0	0.11
(1,129)	1:A:9:PHE:HA	1:C:10:ILE:H	2	0.11	0.0	0.11
(1,129)	1:B:9:PHE:HA	1:A:10:ILE:H	2	0.11	0.0	0.11
(1,129)	1:B:9:PHE:HA	1:B:10:ILE:H	2	0.11	0.0	0.11
(1,129)	1:B:9:PHE:HA	1:C:10:ILE:H	2	0.11	0.0	0.11
(1,129)	1:C:9:PHE:HA	1:A:10:ILE:H	2	0.11	0.0	0.11
(1,129)	1:C:9:PHE:HA	1:B:10:ILE:H	2	0.11	0.0	0.11
(1,129)	1:C:9:PHE:HA	1:C:10:ILE:H	2	0.11	0.0	0.11

¹Number of violated models, ²Standard deviation

9.5 All violated distance restraints [i](#)

9.5.1 Histogram : Distribution of distance violations [i](#)

The following histogram shows the distribution of the absolute value of the violation for all violated restraints in the ensemble.



9.5.2 Table : All distance violations [i](#)

The following table lists the absolute value of the violation for each restraint in the ensemble sorted by its value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	7	1.37
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	7	1.37
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	7	1.37
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	7	1.37
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	7	1.37
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	7	1.37
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	7	1.37
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	7	1.37
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	7	1.37
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	3	1.36
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	3	1.36
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	3	1.36
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	3	1.36
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	3	1.36
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	3	1.36
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	3	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	3	1.36
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	3	1.36
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	14	1.34
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	14	1.34
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	14	1.34
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	14	1.34
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	14	1.34
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	14	1.34
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	14	1.34
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	14	1.34
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	14	1.34
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	14	1.34
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	14	1.34
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	14	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	14	1.34
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	14	1.34
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	14	1.34
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	14	1.34
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	14	1.34
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	9	1.33
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	9	1.33
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	9	1.33
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	9	1.33
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	9	1.33
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	9	1.33
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	9	1.33
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	9	1.33
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	9	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	9	1.33
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	9	1.33
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	9	1.33
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	9	1.33
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	9	1.33
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	9	1.33
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	9	1.33
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	9	1.33
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	19	1.33
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	19	1.33
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	19	1.33
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	19	1.33
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	19	1.33
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	19	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	19	1.33
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	19	1.33
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	19	1.33
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	19	1.33
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	19	1.33
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	19	1.33
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	19	1.33
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	19	1.33
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	19	1.33
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	19	1.33
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	19	1.33
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	5	1.32
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	5	1.32
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	5	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	5	1.32
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	5	1.32
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	5	1.32
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	5	1.32
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	5	1.32
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	5	1.32
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	5	1.32
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	5	1.32
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	5	1.32
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	5	1.32
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	5	1.32
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	5	1.32
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	5	1.32
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	5	1.32
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	12	1.32
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	12	1.32
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	12	1.32
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	12	1.32
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	12	1.32
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	12	1.32
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	12	1.32
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	12	1.32
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	12	1.32
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	12	1.32
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	12	1.32
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	12	1.32
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	12	1.32
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	12	1.32
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	12	1.32
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	12	1.32
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	12	1.32
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	12	1.32
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	12	1.32
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	12	1.32
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	12	1.32
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	12	1.32
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	12	1.32
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	12	1.32
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	12	1.32
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	12	1.32
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	12	1.32
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	12	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	12	1.32
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	12	1.32
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	12	1.32
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	8	1.32
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	8	1.32
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	8	1.32
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	8	1.32
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	8	1.32
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	8	1.32
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	8	1.32
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	8	1.32
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	8	1.32
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	20	1.31
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	20	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	20	1.31
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	20	1.31
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	20	1.31
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	20	1.31
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	20	1.31
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	20	1.31
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	20	1.31
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	20	1.31
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	20	1.31
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	20	1.31
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	20	1.31
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	20	1.31
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	20	1.31
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	20	1.31
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	20	1.31
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	3	1.3
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	3	1.3
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	3	1.3
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	3	1.3
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	3	1.3
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	3	1.3
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	3	1.3
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	3	1.3
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	3	1.3
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	3	1.3
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	3	1.3
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	3	1.3
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	3	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	3	1.3
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	3	1.3
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	3	1.3
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	3	1.3
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	6	1.3
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	6	1.3
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	6	1.3
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	6	1.3
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	6	1.3
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	6	1.3
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	6	1.3
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	6	1.3
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	6	1.3
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	6	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	6	1.3
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	6	1.3
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	6	1.3
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	6	1.3
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	6	1.3
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	6	1.3
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	6	1.3
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	16	1.3
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	16	1.3
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	16	1.3
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	16	1.3
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	16	1.3
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	16	1.3
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	16	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	16	1.3
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	16	1.3
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	18	1.3
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	18	1.3
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	18	1.3
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	18	1.3
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	18	1.3
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	18	1.3
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	18	1.3
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	18	1.3
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	18	1.3
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	1	1.29
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	1	1.29
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	1	1.29
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	1	1.29
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	1	1.29
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	1	1.29
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	1	1.29
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	1	1.29
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	1	1.29
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	1	1.29
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	1	1.29
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	1	1.29
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	1	1.29
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	1	1.29
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	1	1.29
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	1	1.29
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	1	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	1	1.29
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	1	1.29
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	1	1.29
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	1	1.29
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	1	1.29
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	1	1.29
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	1	1.29
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	1	1.29
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	1	1.29
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	1	1.29
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	1	1.29
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	1	1.29
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	1	1.29
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	1	1.29
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	10	1.29
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	10	1.29
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	10	1.29
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	10	1.29
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	10	1.29
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	10	1.29
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	10	1.29
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	10	1.29
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	10	1.29
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	13	1.28
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	13	1.28
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	13	1.28
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	13	1.28
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	13	1.28
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	13	1.28
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	13	1.28
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	13	1.28
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	13	1.28
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	13	1.28
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	13	1.28
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	13	1.28
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	13	1.28
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	13	1.28
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	13	1.28
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	13	1.28
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	13	1.28
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	13	1.28
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	13	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	13	1.28
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	13	1.28
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	13	1.28
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	13	1.28
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	13	1.28
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	13	1.28
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	13	1.28
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	13	1.28
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	4	1.28
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	4	1.28
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	4	1.28
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	4	1.28
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	4	1.28
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	4	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	4	1.28
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	4	1.28
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	4	1.28
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	4	1.28
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	4	1.28
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	4	1.28
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	4	1.28
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	4	1.28
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	4	1.28
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	4	1.28
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	4	1.28
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	17	1.28
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	17	1.28
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	17	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	17	1.28
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	17	1.28
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	17	1.28
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	17	1.28
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	17	1.28
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	17	1.28
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	17	1.28
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	17	1.28
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	17	1.28
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	17	1.28
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	17	1.28
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	17	1.28
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	17	1.28
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	17	1.28
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	15	1.27
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	15	1.27
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	15	1.27
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	15	1.27
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	15	1.27
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	15	1.27
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	15	1.27
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	15	1.27
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	15	1.27
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	15	1.27
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	15	1.27
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	15	1.27
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	15	1.27
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	15	1.27
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	15	1.27
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	15	1.27
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	15	1.27
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	15	1.27
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	15	1.27
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	15	1.27
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	15	1.27
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	15	1.27
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	15	1.27
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	15	1.27
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	15	1.27
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	15	1.27
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	15	1.27
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	15	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	15	1.27
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	15	1.27
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	15	1.27
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	2	1.26
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	2	1.26
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	2	1.26
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	2	1.26
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	2	1.26
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	2	1.26
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	2	1.26
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	2	1.26
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	2	1.26
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	2	1.26
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	2	1.26
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	2	1.26
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	2	1.26
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	2	1.26
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	2	1.26
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	2	1.26
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	2	1.26
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	2	1.26
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	2	1.26
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	2	1.26
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	2	1.26
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	2	1.26
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	2	1.26
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	2	1.26
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	2	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	2	1.26
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	2	1.26
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	16	1.26
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	16	1.26
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	16	1.26
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	16	1.26
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	16	1.26
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	16	1.26
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	16	1.26
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	16	1.26
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	16	1.26
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	16	1.26
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	16	1.26
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	16	1.26
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	16	1.26
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	16	1.26
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	16	1.26
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	16	1.26
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	16	1.26
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	16	1.26
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	16	1.26
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	16	1.26
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	16	1.26
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	16	1.26
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	16	1.26
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	16	1.26
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	16	1.26
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	16	1.26
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	16	1.26
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	20	1.26
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	20	1.26
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	20	1.26
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	20	1.26
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	20	1.26
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	20	1.26
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	20	1.26
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	20	1.26
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	20	1.26
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	20	1.26
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	20	1.26
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	20	1.26
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	20	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	20	1.26
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	20	1.26
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	20	1.26
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	20	1.26
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	20	1.26
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	20	1.26
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	20	1.26
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	20	1.26
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	20	1.26
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	20	1.26
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	20	1.26
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	20	1.26
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	20	1.26
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	20	1.26
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	7	1.26
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	7	1.26
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	7	1.26
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	7	1.26
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	7	1.26
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	7	1.26
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	7	1.26
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	7	1.26
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	7	1.26
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	7	1.26
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	7	1.26
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	7	1.26
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	7	1.26
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	7	1.26
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	7	1.26
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	7	1.26
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	7	1.26
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	7	1.26
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	7	1.26
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	7	1.26
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	7	1.26
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	7	1.26
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	7	1.26
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	7	1.26
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	7	1.26
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	7	1.26
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	7	1.26
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	7	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	7	1.26
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	7	1.26
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	7	1.26
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	13	1.26
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	13	1.26
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	13	1.26
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	13	1.26
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	13	1.26
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	13	1.26
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	13	1.26
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	13	1.26
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	13	1.26
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	1	1.25
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	1	1.25
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	1	1.25
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	1	1.25
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	1	1.25
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	1	1.25
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	1	1.25
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	1	1.25
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	1	1.25
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	1	1.25
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	1	1.25
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	1	1.25
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	1	1.25
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	1	1.25
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	1	1.25
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	1	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	1	1.25
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	1	1.25
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	1	1.25
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	1	1.25
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	1	1.25
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	1	1.25
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	1	1.25
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	1	1.25
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	1	1.25
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	1	1.25
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	1	1.25
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	2	1.25
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	2	1.25
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	2	1.25
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	2	1.25
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	2	1.25
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	2	1.25
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	2	1.25
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	2	1.25
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	2	1.25
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	2	1.25
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	2	1.25
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	2	1.25
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	2	1.25
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	2	1.25
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	2	1.25
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	2	1.25
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	2	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	2	1.25
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	2	1.25
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	2	1.25
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	2	1.25
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	2	1.25
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	2	1.25
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	2	1.25
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	2	1.25
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	2	1.25
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	2	1.25
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	2	1.25
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	2	1.25
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	2	1.25
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	2	1.25
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	4	1.25
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	4	1.25
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	4	1.25
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	4	1.25
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	4	1.25
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	4	1.25
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	4	1.25
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	4	1.25
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	4	1.25
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	5	1.25
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	5	1.25
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	5	1.25
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	5	1.25
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	5	1.25
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	5	1.25
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	5	1.25
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	5	1.25
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	5	1.25
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	14	1.25
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	14	1.25
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	14	1.25
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	14	1.25
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	14	1.25
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	14	1.25
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	14	1.25
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	14	1.25
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	14	1.25
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	3	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	3	1.24
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	3	1.24
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	3	1.24
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	3	1.24
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	3	1.24
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	3	1.24
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	3	1.24
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	3	1.24
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	3	1.24
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	3	1.24
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	3	1.24
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	3	1.24
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	3	1.24
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	3	1.24
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	3	1.24
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	3	1.24
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	3	1.24
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	3	1.24
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	3	1.24
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	3	1.24
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	3	1.24
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	3	1.24
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	3	1.24
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	3	1.24
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	3	1.24
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	3	1.24
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	4	1.24
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	4	1.24
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	4	1.24
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	4	1.24
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	4	1.24
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	4	1.24
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	4	1.24
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	4	1.24
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	4	1.24
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	4	1.24
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	4	1.24
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	4	1.24
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	4	1.24
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	4	1.24
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	4	1.24
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	4	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	4	1.24
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	4	1.24
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	4	1.24
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	4	1.24
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	4	1.24
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	4	1.24
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	4	1.24
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	4	1.24
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	4	1.24
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	4	1.24
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	4	1.24
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	17	1.24
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	17	1.24
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	17	1.24
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	17	1.24
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	17	1.24
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	17	1.24
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	17	1.24
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	17	1.24
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	17	1.24
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	17	1.24
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	17	1.24
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	17	1.24
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	17	1.24
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	17	1.24
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	17	1.24
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	17	1.24
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	17	1.24
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	17	1.24
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	17	1.24
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	17	1.24
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	17	1.24
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	17	1.24
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	17	1.24
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	17	1.24
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	17	1.24
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	17	1.24
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	17	1.24
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	11	1.24
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	11	1.24
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	11	1.24
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	11	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	11	1.24
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	11	1.24
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	11	1.24
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	11	1.24
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	11	1.24
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	9	1.23
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	9	1.23
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	9	1.23
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	9	1.23
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	9	1.23
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	9	1.23
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	9	1.23
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	9	1.23
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	9	1.23
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	9	1.23
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	9	1.23
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	9	1.23
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	9	1.23
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	9	1.23
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	9	1.23
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	9	1.23
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	9	1.23
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	9	1.23
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	9	1.23
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	9	1.23
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	9	1.23
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	9	1.23
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	9	1.23
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	9	1.23
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	9	1.23
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	9	1.23
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	9	1.23
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	11	1.23
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	11	1.23
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	11	1.23
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	11	1.23
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	11	1.23
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	11	1.23
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	11	1.23
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	11	1.23
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	11	1.23
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	11	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	11	1.23
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	11	1.23
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	11	1.23
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	11	1.23
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	11	1.23
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	11	1.23
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	11	1.23
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	11	1.23
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	11	1.23
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	11	1.23
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	11	1.23
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	11	1.23
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	11	1.23
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	11	1.23
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	11	1.23
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	11	1.23
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	11	1.23
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	10	1.23
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	10	1.23
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	10	1.23
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	10	1.23
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	10	1.23
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	10	1.23
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	10	1.23
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	10	1.23
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	10	1.23
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	10	1.23
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	10	1.23
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	10	1.23
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	10	1.23
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	10	1.23
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	10	1.23
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	10	1.23
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	10	1.23
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	10	1.23
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	10	1.23
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	10	1.23
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	10	1.23
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	10	1.23
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	10	1.23
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	10	1.23
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	10	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	10	1.23
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	10	1.23
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	10	1.23
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	10	1.23
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	10	1.23
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	10	1.23
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	17	1.23
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	17	1.23
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	17	1.23
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	17	1.23
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	17	1.23
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	17	1.23
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	17	1.23
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	17	1.23
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	17	1.23
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	19	1.23
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	19	1.23
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	19	1.23
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	19	1.23
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	19	1.23
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	19	1.23
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	19	1.23
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	19	1.23
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	19	1.23
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	5	1.22
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	5	1.22
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	5	1.22
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	5	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	5	1.22
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	5	1.22
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	5	1.22
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	5	1.22
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	5	1.22
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	5	1.22
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	5	1.22
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	5	1.22
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	5	1.22
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	5	1.22
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	5	1.22
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	5	1.22
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	5	1.22
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	5	1.22
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	5	1.22
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	5	1.22
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	5	1.22
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	5	1.22
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	5	1.22
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	5	1.22
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	5	1.22
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	5	1.22
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	5	1.22
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	8	1.22
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	8	1.22
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	8	1.22
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	8	1.22
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	8	1.22
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	8	1.22
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	8	1.22
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	8	1.22
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	8	1.22
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	8	1.22
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	8	1.22
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	8	1.22
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	8	1.22
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	8	1.22
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	8	1.22
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	8	1.22
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	8	1.22
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	8	1.22
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	8	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	8	1.22
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	8	1.22
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	8	1.22
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	8	1.22
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	8	1.22
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	8	1.22
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	8	1.22
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	8	1.22
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	10	1.22
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	10	1.22
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	10	1.22
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	10	1.22
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	10	1.22
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	10	1.22
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	10	1.22
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	10	1.22
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	10	1.22
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	10	1.22
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	10	1.22
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	10	1.22
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	10	1.22
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	10	1.22
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	10	1.22
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	10	1.22
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	10	1.22
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	10	1.22
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	10	1.22
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	10	1.22
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	10	1.22
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	10	1.22
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	10	1.22
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	10	1.22
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	10	1.22
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	10	1.22
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	10	1.22
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	14	1.22
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	14	1.22
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	14	1.22
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	14	1.22
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	14	1.22
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	14	1.22
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	14	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	14	1.22
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	14	1.22
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	14	1.22
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	14	1.22
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	14	1.22
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	14	1.22
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	14	1.22
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	14	1.22
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	14	1.22
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	14	1.22
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	14	1.22
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	14	1.22
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	14	1.22
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	14	1.22
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	14	1.22
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	14	1.22
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	14	1.22
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	14	1.22
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	14	1.22
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	14	1.22
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	11	1.22
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	11	1.22
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	11	1.22
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	11	1.22
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	11	1.22
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	11	1.22
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	11	1.22
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	11	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	11	1.22
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	11	1.22
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	11	1.22
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	11	1.22
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	11	1.22
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	11	1.22
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	11	1.22
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	11	1.22
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	11	1.22
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	18	1.22
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	18	1.22
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	18	1.22
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	18	1.22
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	18	1.22
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	18	1.22
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	18	1.22
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	18	1.22
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	18	1.22
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	18	1.22
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	18	1.22
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	18	1.22
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	18	1.22
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	18	1.22
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	18	1.22
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	18	1.22
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	18	1.22
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	18	1.22
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	18	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	18	1.22
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	18	1.22
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	18	1.22
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	18	1.22
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	18	1.22
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	18	1.22
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	18	1.22
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	18	1.22
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	18	1.22
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	18	1.22
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	18	1.22
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	18	1.22
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	6	1.21
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	6	1.21
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	6	1.21
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	6	1.21
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	6	1.21
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	6	1.21
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	6	1.21
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	6	1.21
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	6	1.21
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	6	1.21
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	6	1.21
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	6	1.21
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	6	1.21
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	6	1.21
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	6	1.21
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	6	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	6	1.21
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	6	1.21
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	6	1.21
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	6	1.21
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	6	1.21
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	6	1.21
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	6	1.21
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	6	1.21
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	6	1.21
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	6	1.21
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	6	1.21
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	15	1.21
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	15	1.21
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	15	1.21
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	15	1.21
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	15	1.21
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	15	1.21
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	15	1.21
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	15	1.21
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	15	1.21
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	15	1.21
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	15	1.21
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	15	1.21
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	15	1.21
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	15	1.21
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	15	1.21
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	15	1.21
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	15	1.21
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	15	1.21
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	15	1.21
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	15	1.21
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	15	1.21
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	15	1.21
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	15	1.21
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	15	1.21
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	15	1.21
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	15	1.21
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	15	1.21
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	16	1.21
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	16	1.21
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	16	1.21
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	16	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	16	1.21
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	16	1.21
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	16	1.21
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	16	1.21
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	16	1.21
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	16	1.21
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	16	1.21
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	16	1.21
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	16	1.21
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	16	1.21
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	16	1.21
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	16	1.21
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	16	1.21
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	2	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	2	1.21
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	2	1.21
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	2	1.21
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	2	1.21
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	2	1.21
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	2	1.21
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	2	1.21
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	2	1.21
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	13	1.2
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	13	1.2
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	13	1.2
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	13	1.2
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	13	1.2
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	13	1.2
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	13	1.2
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	13	1.2
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	13	1.2
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	13	1.2
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	13	1.2
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	13	1.2
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	13	1.2
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	13	1.2
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	13	1.2
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	13	1.2
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	13	1.2
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	13	1.2
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	13	1.2
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	13	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	13	1.2
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	13	1.2
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	13	1.2
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	13	1.2
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	13	1.2
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	13	1.2
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	13	1.2
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	13	1.2
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	13	1.2
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	13	1.2
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	13	1.2
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	9	1.2
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	9	1.2
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	9	1.2
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	9	1.2
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	9	1.2
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	9	1.2
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	9	1.2
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	9	1.2
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	9	1.2
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	12	1.2
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	12	1.2
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	12	1.2
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	12	1.2
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	12	1.2
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	12	1.2
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	12	1.2
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	12	1.2
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	12	1.2
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	18	1.19
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	18	1.19
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	18	1.19
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	18	1.19
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	18	1.19
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	18	1.19
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	18	1.19
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	18	1.19
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	18	1.19
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	18	1.19
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	18	1.19
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	18	1.19
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	18	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	18	1.19
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	18	1.19
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	18	1.19
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	18	1.19
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	18	1.19
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	18	1.19
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	18	1.19
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	18	1.19
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	18	1.19
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	18	1.19
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	18	1.19
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	18	1.19
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	18	1.19
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	18	1.19
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	6	1.19
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	6	1.19
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	6	1.19
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	6	1.19
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	6	1.19
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	6	1.19
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	6	1.19
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	6	1.19
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	6	1.19
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	15	1.17
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	15	1.17
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	15	1.17
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	15	1.17
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	15	1.17
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	15	1.17
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	15	1.17
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	15	1.17
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	15	1.17
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	12	1.16
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	12	1.16
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	12	1.16
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	12	1.16
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	12	1.16
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	12	1.16
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	12	1.16
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	12	1.16
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	12	1.16
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	12	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	12	1.16
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	12	1.16
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	12	1.16
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	12	1.16
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	12	1.16
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	12	1.16
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	12	1.16
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	12	1.16
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	12	1.16
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	12	1.16
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	12	1.16
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	12	1.16
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	12	1.16
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	12	1.16
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	12	1.16
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	12	1.16
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	12	1.16
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	19	1.15
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	19	1.15
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	19	1.15
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	19	1.15
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	19	1.15
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	19	1.15
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	19	1.15
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	19	1.15
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	19	1.15
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	19	1.15
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	19	1.15
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	19	1.15
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	19	1.15
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	19	1.15
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	19	1.15
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	19	1.15
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	19	1.15
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	19	1.15
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	19	1.15
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	19	1.15
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	19	1.15
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	19	1.15
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	19	1.15
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	19	1.15
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	19	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	19	1.15
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	19	1.15
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	1	1.15
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	1	1.15
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	1	1.15
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	1	1.15
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	1	1.15
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	1	1.15
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	1	1.15
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	1	1.15
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	1	1.15
(1,205)	1:A:13:GLY:HA2	1:A:9:PHE:HA	20	1.14
(1,205)	1:A:13:GLY:HA2	1:B:9:PHE:HA	20	1.14
(1,205)	1:A:13:GLY:HA2	1:C:9:PHE:HA	20	1.14
(1,205)	1:B:13:GLY:HA2	1:A:9:PHE:HA	20	1.14
(1,205)	1:B:13:GLY:HA2	1:B:9:PHE:HA	20	1.14
(1,205)	1:B:13:GLY:HA2	1:C:9:PHE:HA	20	1.14
(1,205)	1:C:13:GLY:HA2	1:A:9:PHE:HA	20	1.14
(1,205)	1:C:13:GLY:HA2	1:B:9:PHE:HA	20	1.14
(1,205)	1:C:13:GLY:HA2	1:C:9:PHE:HA	20	1.14
(1,316)	1:A:5:ALA:HB1	1:A:21:TRP:H	7	1.1
(1,316)	1:A:5:ALA:HB1	1:B:21:TRP:H	7	1.1
(1,316)	1:A:5:ALA:HB1	1:C:21:TRP:H	7	1.1
(1,316)	1:A:5:ALA:HB2	1:A:21:TRP:H	7	1.1
(1,316)	1:A:5:ALA:HB2	1:B:21:TRP:H	7	1.1
(1,316)	1:A:5:ALA:HB2	1:C:21:TRP:H	7	1.1
(1,316)	1:A:5:ALA:HB3	1:A:21:TRP:H	7	1.1
(1,316)	1:A:5:ALA:HB3	1:B:21:TRP:H	7	1.1
(1,316)	1:A:5:ALA:HB3	1:C:21:TRP:H	7	1.1
(1,316)	1:B:5:ALA:HB1	1:A:21:TRP:H	7	1.1
(1,316)	1:B:5:ALA:HB1	1:B:21:TRP:H	7	1.1
(1,316)	1:B:5:ALA:HB1	1:C:21:TRP:H	7	1.1
(1,316)	1:B:5:ALA:HB2	1:A:21:TRP:H	7	1.1
(1,316)	1:B:5:ALA:HB2	1:B:21:TRP:H	7	1.1
(1,316)	1:B:5:ALA:HB2	1:C:21:TRP:H	7	1.1
(1,316)	1:B:5:ALA:HB3	1:A:21:TRP:H	7	1.1
(1,316)	1:B:5:ALA:HB3	1:B:21:TRP:H	7	1.1
(1,316)	1:B:5:ALA:HB3	1:C:21:TRP:H	7	1.1
(1,316)	1:C:5:ALA:HB1	1:A:21:TRP:H	7	1.1
(1,316)	1:C:5:ALA:HB1	1:B:21:TRP:H	7	1.1
(1,316)	1:C:5:ALA:HB1	1:C:21:TRP:H	7	1.1
(1,316)	1:C:5:ALA:HB2	1:A:21:TRP:H	7	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:C:5:ALA:HB2	1:B:21:TRP:H	7	1.1
(1,316)	1:C:5:ALA:HB2	1:C:21:TRP:H	7	1.1
(1,316)	1:C:5:ALA:HB3	1:A:21:TRP:H	7	1.1
(1,316)	1:C:5:ALA:HB3	1:B:21:TRP:H	7	1.1
(1,316)	1:C:5:ALA:HB3	1:C:21:TRP:H	7	1.1
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	18	1.01
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	18	1.01
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	18	1.01
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	18	1.01
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	18	1.01
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	18	1.01
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	18	1.01
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	18	1.01
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	18	1.01
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	18	1.01
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	18	1.01
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	18	1.01
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	18	1.01
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	18	1.01
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	18	1.01
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	18	1.01
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	18	1.01
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	18	1.01
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	18	1.01
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	18	1.01
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	18	1.01
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	18	1.01
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	18	1.01
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	18	1.01
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	18	1.01
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	18	1.01
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	18	1.01
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	18	1.0
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	18	1.0
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	18	1.0
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	18	1.0
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	18	1.0
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	18	1.0
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	18	1.0
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	18	1.0
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	18	1.0
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	7	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	7	1.0
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	7	1.0
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	7	1.0
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	7	1.0
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	7	1.0
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	7	1.0
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	7	1.0
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	7	1.0
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	7	1.0
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	7	1.0
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	7	1.0
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	7	1.0
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	7	1.0
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	7	1.0
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	7	1.0
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	7	1.0
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	7	1.0
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	14	0.99
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	14	0.99
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	14	0.99
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	14	0.99
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	14	0.99
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	14	0.99
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	14	0.99
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	14	0.99
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	14	0.99
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	14	0.99
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	14	0.99
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	14	0.99
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	14	0.99
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	14	0.99
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	14	0.99
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	14	0.99
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	14	0.99
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	14	0.99
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	14	0.99
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	14	0.99
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	14	0.99
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	14	0.99
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	14	0.99
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	14	0.99
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	14	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	14	0.99
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	14	0.99
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	14	0.99
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	14	0.99
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	14	0.99
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	14	0.99
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	14	0.99
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	14	0.99
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	14	0.99
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	14	0.99
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	14	0.99
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	3	0.97
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	3	0.97
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	3	0.97
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	3	0.97
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	3	0.97
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	3	0.97
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	3	0.97
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	3	0.97
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	3	0.97
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	3	0.97
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	3	0.97
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	3	0.97
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	3	0.97
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	3	0.97
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	3	0.97
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	3	0.97
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	3	0.97
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	3	0.97
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	3	0.97
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	3	0.97
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	3	0.97
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	3	0.97
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	3	0.97
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	3	0.97
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	3	0.97
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	3	0.97
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	3	0.97
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	3	0.97
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	3	0.97
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	3	0.97
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	3	0.97
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	3	0.97
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	5	0.97
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	5	0.97
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	5	0.97
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	5	0.97
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	5	0.97
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	5	0.97
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	5	0.97
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	5	0.97
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	5	0.97
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	5	0.97
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	5	0.97
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	5	0.97
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	5	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	5	0.97
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	5	0.97
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	5	0.97
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	5	0.97
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	5	0.97
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	5	0.97
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	5	0.97
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	5	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	5	0.97
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	5	0.97
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	5	0.97
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	5	0.97
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	5	0.97
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	5	0.97
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	5	0.97
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	5	0.97
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	5	0.97
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	5	0.97
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	5	0.97
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	5	0.97
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	5	0.97
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	9	0.97
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	9	0.97
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	9	0.97
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	9	0.97
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	9	0.97
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	9	0.97
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	9	0.97
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	9	0.97
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	9	0.97
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	9	0.97
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	9	0.97
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	9	0.97
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	9	0.97
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	9	0.97
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	9	0.97
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	9	0.97
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	9	0.97
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	9	0.97
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	9	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	9	0.97
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	9	0.97
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	9	0.97
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	9	0.97
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	9	0.97
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	9	0.97
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	9	0.97
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	9	0.97
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	9	0.97
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	9	0.97
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	9	0.97
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	9	0.97
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	9	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	9	0.97
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	9	0.97
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	9	0.97
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	9	0.97
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	9	0.97
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	9	0.97
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	9	0.97
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	9	0.97
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	9	0.97
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	9	0.97
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	9	0.97
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	9	0.97
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	9	0.97
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	9	0.97
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	9	0.97
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	9	0.97
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	18	0.97
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	18	0.97
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	18	0.97
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	18	0.97
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	18	0.97
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	18	0.97
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	18	0.97
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	18	0.97
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	18	0.97
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	18	0.97
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	18	0.97
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	18	0.97
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	18	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	18	0.97
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	18	0.97
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	18	0.97
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	18	0.97
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	18	0.97
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	20	0.97
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	20	0.97
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	20	0.97
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	20	0.97
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	20	0.97
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	20	0.97
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	20	0.97
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	20	0.97
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	20	0.97
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	20	0.97
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	20	0.97
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	20	0.97
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	20	0.97
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	20	0.97
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	20	0.97
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	20	0.97
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	20	0.97
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	20	0.97
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	20	0.97
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	20	0.97
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	20	0.97
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	20	0.97
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	20	0.97
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	20	0.97
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	20	0.97
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	20	0.97
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	20	0.97
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	14	0.97
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	14	0.97
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	14	0.97
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	14	0.97
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	14	0.97
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	14	0.97
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	14	0.97
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	14	0.97
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	14	0.97
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	14	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	14	0.97
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	14	0.97
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	14	0.97
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	14	0.97
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	14	0.97
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	14	0.97
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	14	0.97
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	14	0.97
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	14	0.97
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	14	0.97
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	14	0.97
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	14	0.97
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	14	0.97
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	14	0.97
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	14	0.97
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	14	0.97
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	14	0.97
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	10	0.96
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	10	0.96
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	10	0.96
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	10	0.96
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	10	0.96
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	10	0.96
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	10	0.96
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	10	0.96
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	10	0.96
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	10	0.96
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	10	0.96
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	10	0.96
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	10	0.96
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	10	0.96
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	10	0.96
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	10	0.96
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	10	0.96
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	10	0.96
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	10	0.96
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	10	0.96
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	10	0.96
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	10	0.96
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	10	0.96
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	10	0.96
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	10	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	10	0.96
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	10	0.96
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	10	0.96
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	10	0.96
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	10	0.96
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	10	0.96
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	10	0.96
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	10	0.96
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	10	0.96
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	10	0.96
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	10	0.96
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	9	0.96
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	9	0.96
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	9	0.96
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	9	0.96
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	9	0.96
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	9	0.96
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	9	0.96
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	9	0.96
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	9	0.96
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	9	0.96
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	9	0.96
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	9	0.96
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	9	0.96
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	9	0.96
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	9	0.96
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	9	0.96
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	9	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	9	0.96
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	9	0.96
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	9	0.96
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	9	0.96
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	9	0.96
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	9	0.96
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	9	0.96
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	9	0.96
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	9	0.96
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	9	0.96
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	9	0.96
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	9	0.96
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	9	0.96
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	9	0.96
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	8	0.95
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	8	0.95
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	8	0.95
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	8	0.95
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	8	0.95
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	8	0.95
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	8	0.95
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	8	0.95
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	8	0.95
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	8	0.95
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	8	0.95
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	8	0.95
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	8	0.95
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	8	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	8	0.95
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	8	0.95
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	8	0.95
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	8	0.95
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	8	0.95
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	8	0.95
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	8	0.95
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	8	0.95
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	8	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	8	0.95
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	8	0.95
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	8	0.95
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	8	0.95
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	8	0.95
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	8	0.95
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	8	0.95
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	8	0.95
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	8	0.95
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	8	0.95
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	8	0.95
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	3	0.95
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	3	0.95
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	3	0.95
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	3	0.95
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	3	0.95
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	3	0.95
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	3	0.95
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	3	0.95
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	3	0.95
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	3	0.95
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	3	0.95
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	3	0.95
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	3	0.95
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	3	0.95
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	3	0.95
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	3	0.95
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	3	0.95
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	3	0.95
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	3	0.95
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	3	0.95
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	3	0.95
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	3	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	3	0.95
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	3	0.95
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	3	0.95
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	3	0.95
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	3	0.95
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	3	0.95
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	3	0.95
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	3	0.95
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	3	0.95
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	3	0.95
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	3	0.95
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	3	0.95
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	3	0.95
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	3	0.95
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	5	0.95
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	5	0.95
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	5	0.95
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	5	0.95
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	5	0.95
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	5	0.95
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	5	0.95
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	5	0.95
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	5	0.95
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	5	0.95
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	5	0.95
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	5	0.95
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	5	0.95
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	5	0.95
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	5	0.95
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	5	0.95
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	5	0.95
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	5	0.95
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	5	0.95
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	5	0.95
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	5	0.95
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	5	0.95
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	5	0.95
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	5	0.95
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	5	0.95
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	5	0.95
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	5	0.95
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	5	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	5	0.95
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	5	0.95
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	5	0.95
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	5	0.95
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	5	0.95
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	5	0.95
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	5	0.95
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	5	0.95
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	17	0.95
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	17	0.95
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	17	0.95
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	17	0.95
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	17	0.95
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	17	0.95
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	17	0.95
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	17	0.95
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	17	0.95
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	17	0.95
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	17	0.95
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	17	0.95
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	17	0.95
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	17	0.95
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	17	0.95
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	17	0.95
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	17	0.95
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	17	0.95
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	17	0.95
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	17	0.95
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	17	0.95
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	17	0.95
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	17	0.95
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	17	0.95
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	17	0.95
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	17	0.95
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	17	0.95
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	13	0.95
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	13	0.95
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	13	0.95
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	13	0.95
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	13	0.95
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	13	0.95
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	13	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	13	0.95
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	13	0.95
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	13	0.95
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	13	0.95
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	13	0.95
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	13	0.95
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	13	0.95
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	13	0.95
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	13	0.95
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	13	0.95
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	13	0.95
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	13	0.95
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	13	0.95
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	13	0.95
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	13	0.95
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	13	0.95
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	13	0.95
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	13	0.95
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	13	0.95
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	13	0.95
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	18	0.95
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	18	0.95
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	18	0.95
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	18	0.95
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	18	0.95
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	18	0.95
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	18	0.95
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	18	0.95
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	18	0.95
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	18	0.95
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	18	0.95
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	18	0.95
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	18	0.95
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	18	0.95
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	18	0.95
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	18	0.95
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	18	0.95
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	18	0.95
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	18	0.95
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	18	0.95
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	18	0.95
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	18	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	18	0.95
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	18	0.95
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	18	0.95
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	18	0.95
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	18	0.95
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	14	0.94
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	14	0.94
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	14	0.94
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	14	0.94
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	14	0.94
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	14	0.94
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	14	0.94
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	14	0.94
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	14	0.94
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	14	0.94
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	14	0.94
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	14	0.94
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	14	0.94
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	14	0.94
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	14	0.94
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	14	0.94
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	14	0.94
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	14	0.94
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	14	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	14	0.94
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	14	0.94
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	14	0.94
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	14	0.94
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	14	0.94
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	14	0.94
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	14	0.94
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	14	0.94
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	14	0.94
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	14	0.94
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	14	0.94
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	14	0.94
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	14	0.94
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	14	0.94
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	14	0.94
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	14	0.94
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	14	0.94
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	14	0.94
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	14	0.94
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	14	0.94
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	14	0.94
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	14	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	14	0.94
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	14	0.94
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	14	0.94
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	14	0.94
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	14	0.94
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	14	0.94
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	14	0.94
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	11	0.94
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	11	0.94
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	11	0.94
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	11	0.94
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	11	0.94
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	11	0.94
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	11	0.94
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	11	0.94
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	11	0.94
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	11	0.94
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	11	0.94
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	11	0.94
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	11	0.94
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	11	0.94
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	11	0.94
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	11	0.94
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	11	0.94
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	11	0.94
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	1	0.94
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	1	0.94
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	1	0.94
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	1	0.94
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	1	0.94
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	1	0.94
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	1	0.94
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	1	0.94
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	1	0.94
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	1	0.94
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	1	0.94
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	1	0.94
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	1	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	1	0.94
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	1	0.94
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	1	0.94
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	1	0.94
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	1	0.94
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	1	0.94
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	1	0.94
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	1	0.94
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	1	0.94
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	1	0.94
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	1	0.94
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	1	0.94
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	1	0.94
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	1	0.94
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	1	0.94
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	1	0.94
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	1	0.94
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	1	0.94
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	1	0.94
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	1	0.94
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	1	0.94
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	1	0.94
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	1	0.94
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	6	0.94
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	6	0.94
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	6	0.94
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	6	0.94
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	6	0.94
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	6	0.94
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	6	0.94
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	6	0.94
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	6	0.94
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	6	0.94
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	6	0.94
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	6	0.94
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	6	0.94
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	6	0.94
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	6	0.94
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	6	0.94
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	6	0.94
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	6	0.94
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	6	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	6	0.94
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	6	0.94
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	6	0.94
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	6	0.94
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	6	0.94
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	6	0.94
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	6	0.94
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	6	0.94
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	6	0.94
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	6	0.94
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	6	0.94
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	6	0.94
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	6	0.94
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	6	0.94
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	6	0.94
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	6	0.94
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	6	0.94
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	19	0.94
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	19	0.94
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	19	0.94
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	19	0.94
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	19	0.94
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	19	0.94
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	19	0.94
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	19	0.94
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	19	0.94
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	19	0.94
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	19	0.94
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	19	0.94
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	19	0.94
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	19	0.94
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	19	0.94
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	19	0.94
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	19	0.94
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	19	0.94
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	16	0.93
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	16	0.93
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	16	0.93
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	16	0.93
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	16	0.93
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	16	0.93
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	16	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	16	0.93
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	16	0.93
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	1	0.93
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	1	0.93
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	1	0.93
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	1	0.93
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	1	0.93
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	1	0.93
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	1	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	1	0.93
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	1	0.93
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	1	0.93
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	1	0.93
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	1	0.93
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	1	0.93
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	1	0.93
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	1	0.93
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	1	0.93
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	1	0.93
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	1	0.93
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	1	0.93
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	1	0.93
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	1	0.93
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	1	0.93
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	1	0.93
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	1	0.93
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	1	0.93
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	1	0.93
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	1	0.93
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	1	0.93
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	1	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	1	0.93
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	1	0.93
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	1	0.93
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	1	0.93
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	1	0.93
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	4	0.93
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	4	0.93
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	4	0.93
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	4	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	4	0.93
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	4	0.93
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	4	0.93
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	4	0.93
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	4	0.93
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	4	0.93
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	4	0.93
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	4	0.93
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	4	0.93
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	4	0.93
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	4	0.93
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	4	0.93
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	4	0.93
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	4	0.93
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	4	0.93
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	4	0.93
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	4	0.93
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	4	0.93
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	4	0.93
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	4	0.93
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	4	0.93
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	4	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	4	0.93
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	4	0.93
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	4	0.93
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	4	0.93
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	4	0.93
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	4	0.93
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	4	0.93
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	4	0.93
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	7	0.93
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	7	0.93
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	7	0.93
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	7	0.93
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	7	0.93
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	7	0.93
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	7	0.93
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	7	0.93
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	7	0.93
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	7	0.93
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	7	0.93
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	7	0.93
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	7	0.93
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	7	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	7	0.93
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	7	0.93
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	7	0.93
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	7	0.93
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	7	0.93
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	7	0.93
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	7	0.93
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	7	0.93
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	7	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	7	0.93
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	7	0.93
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	7	0.93
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	7	0.93
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	7	0.93
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	7	0.93
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	7	0.93
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	7	0.93
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	7	0.93
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	7	0.93
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	7	0.93
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	10	0.93
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	10	0.93
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	10	0.93
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	10	0.93
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	10	0.93
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	10	0.93
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	10	0.93
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	10	0.93
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	10	0.93
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	10	0.93
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	10	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	10	0.93
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	10	0.93
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	10	0.93
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	10	0.93
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	10	0.93
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	10	0.93
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	10	0.93
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	10	0.93
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	10	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	10	0.93
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	10	0.93
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	10	0.93
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	10	0.93
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	10	0.93
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	10	0.93
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	10	0.93
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	10	0.93
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	10	0.93
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	10	0.93
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	10	0.93
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	10	0.93
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	10	0.93
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	10	0.93
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	19	0.93
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	19	0.93
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	19	0.93
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	19	0.93
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	19	0.93
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	19	0.93
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	19	0.93
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	19	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	19	0.93
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	19	0.93
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	19	0.93
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	19	0.93
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	19	0.93
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	19	0.93
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	19	0.93
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	19	0.93
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	19	0.93
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	19	0.93
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	19	0.93
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	19	0.93
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	19	0.93
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	19	0.93
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	19	0.93
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	19	0.93
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	19	0.93
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	19	0.93
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	19	0.93
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	19	0.93
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	19	0.93
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	19	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	19	0.93
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	19	0.93
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	19	0.93
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	19	0.93
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	20	0.93
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	20	0.93
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	20	0.93
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	20	0.93
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	20	0.93
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	20	0.93
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	20	0.93
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	20	0.93
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	20	0.93
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	20	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	20	0.93
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	20	0.93
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	20	0.93
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	20	0.93
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	20	0.93
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	20	0.93
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	20	0.93
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	20	0.93
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	2	0.93
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	2	0.93
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	2	0.93
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	2	0.93
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	2	0.93
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	2	0.93
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	2	0.93
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	2	0.93
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	2	0.93
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	2	0.93
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	2	0.93
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	2	0.93
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	2	0.93
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	2	0.93
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	2	0.93
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	2	0.93
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	2	0.93
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	2	0.93
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	2	0.93
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	2	0.93
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	2	0.93
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	2	0.93
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	2	0.93
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	2	0.93
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	2	0.93
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	2	0.93
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	2	0.93
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	2	0.93
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	2	0.93
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	2	0.93
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	2	0.93
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	2	0.93
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	2	0.93
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	2	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	2	0.93
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	2	0.93
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	9	0.93
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	9	0.93
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	9	0.93
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	9	0.93
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	9	0.93
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	9	0.93
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	9	0.93
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	9	0.93
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	9	0.93
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	9	0.93
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	9	0.93
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	9	0.93
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	9	0.93
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	9	0.93
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	9	0.93
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	9	0.93
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	9	0.93
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	9	0.93
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	9	0.93
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	9	0.93
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	9	0.93
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	9	0.93
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	9	0.93
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	9	0.93
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	9	0.93
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	9	0.93
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	9	0.93
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	9	0.93
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	9	0.93
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	9	0.93
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	9	0.93
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	9	0.93
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	9	0.93
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	9	0.93
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	9	0.93
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	9	0.93
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	11	0.93
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	11	0.93
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	11	0.93
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	11	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	11	0.93
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	11	0.93
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	11	0.93
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	11	0.93
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	11	0.93
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	11	0.93
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	11	0.93
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	11	0.93
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	11	0.93
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	11	0.93
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	11	0.93
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	11	0.93
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	11	0.93
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	11	0.93
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	11	0.93
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	11	0.93
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	11	0.93
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	11	0.93
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	11	0.93
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	11	0.93
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	11	0.93
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	11	0.93
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	11	0.93
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	11	0.93
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	11	0.93
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	11	0.93
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	11	0.93
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	11	0.93
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	11	0.93
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	11	0.93
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	11	0.93
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	11	0.93
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	18	0.93
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	18	0.93
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	18	0.93
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	18	0.93
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	18	0.93
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	18	0.93
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	18	0.93
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	18	0.93
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	18	0.93
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	18	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	18	0.93
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	18	0.93
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	18	0.93
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	18	0.93
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	18	0.93
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	18	0.93
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	18	0.93
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	18	0.93
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	18	0.93
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	18	0.93
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	18	0.93
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	18	0.93
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	18	0.93
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	18	0.93
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	18	0.93
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	18	0.93
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	18	0.93
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	18	0.93
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	18	0.93
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	18	0.93
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	18	0.93
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	18	0.93
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	18	0.93
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	18	0.93
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	18	0.93
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	18	0.93
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	13	0.93
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	13	0.93
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	13	0.93
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	13	0.93
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	13	0.93
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	13	0.93
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	13	0.93
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	13	0.93
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	13	0.93
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	13	0.93
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	13	0.93
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	13	0.93
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	13	0.93
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	13	0.93
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	13	0.93
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	13	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	13	0.93
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	13	0.93
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	13	0.93
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	13	0.93
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	13	0.93
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	13	0.93
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	13	0.93
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	13	0.93
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	13	0.93
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	13	0.93
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	13	0.93
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	15	0.92
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	15	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	15	0.92
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	15	0.92
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	15	0.92
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	15	0.92
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	15	0.92
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	15	0.92
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	15	0.92
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	15	0.92
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	15	0.92
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	15	0.92
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	15	0.92
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	15	0.92
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	15	0.92
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	15	0.92
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	15	0.92
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	15	0.92
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	15	0.92
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	15	0.92
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	15	0.92
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	15	0.92
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	15	0.92
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	15	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	15	0.92
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	15	0.92
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	15	0.92
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	15	0.92
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	15	0.92
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	15	0.92
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	15	0.92
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	15	0.92
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	15	0.92
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	15	0.92
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	17	0.92
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	17	0.92
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	17	0.92
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	17	0.92
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	17	0.92
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	17	0.92
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	17	0.92
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	17	0.92
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	17	0.92
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	17	0.92
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	17	0.92
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	17	0.92
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	17	0.92
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	17	0.92
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	17	0.92
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	17	0.92
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	17	0.92
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	17	0.92
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	17	0.92
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	17	0.92
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	17	0.92
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	17	0.92
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	17	0.92
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	17	0.92
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	17	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	17	0.92
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	17	0.92
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	17	0.92
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	17	0.92
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	17	0.92
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	17	0.92
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	17	0.92
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	17	0.92
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	17	0.92
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	17	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	17	0.92
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	17	0.92
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	17	0.92
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	17	0.92
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	17	0.92
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	17	0.92
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	17	0.92
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	17	0.92
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	17	0.92
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	17	0.92
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	17	0.92
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	17	0.92
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	17	0.92
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	7	0.92
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	7	0.92
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	7	0.92
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	7	0.92
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	7	0.92
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	7	0.92
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	7	0.92
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	7	0.92
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	7	0.92
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	7	0.92
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	7	0.92
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	7	0.92
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	7	0.92
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	7	0.92
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	7	0.92
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	7	0.92
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	7	0.92
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	7	0.92
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	7	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	7	0.92
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	7	0.92
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	7	0.92
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	7	0.92
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	7	0.92
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	7	0.92
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	7	0.92
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	7	0.92
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	7	0.92
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	7	0.92
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	7	0.92
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	7	0.92
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	7	0.92
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	7	0.92
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	7	0.92
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	7	0.92
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	7	0.92
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	13	0.92
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	13	0.92
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	13	0.92
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	13	0.92
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	13	0.92
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	13	0.92
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	13	0.92
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	13	0.92
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	13	0.92
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	13	0.92
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	13	0.92
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	13	0.92
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	13	0.92
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	13	0.92
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	13	0.92
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	13	0.92
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	13	0.92
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	13	0.92
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	13	0.92
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	13	0.92
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	13	0.92
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	13	0.92
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	13	0.92
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	13	0.92
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	13	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	13	0.92
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	13	0.92
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	13	0.92
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	13	0.92
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	13	0.92
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	13	0.92
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	13	0.92
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	13	0.92
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	13	0.92
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	13	0.92
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	13	0.92
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	16	0.92
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	16	0.92
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	16	0.92
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	16	0.92
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	16	0.92
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	16	0.92
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	16	0.92
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	16	0.92
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	16	0.92
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	16	0.92
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	16	0.92
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	16	0.92
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	16	0.92
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	16	0.92
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	16	0.92
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	16	0.92
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	16	0.92
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	16	0.92
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	16	0.92
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	16	0.92
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	16	0.92
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	16	0.92
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	16	0.92
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	16	0.92
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	16	0.92
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	16	0.92
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	16	0.92
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	16	0.92
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	16	0.92
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	16	0.92
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	16	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	16	0.92
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	16	0.92
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	16	0.92
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	16	0.92
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	16	0.92
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	19	0.92
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	19	0.92
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	19	0.92
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	19	0.92
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	19	0.92
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	19	0.92
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	19	0.92
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	19	0.92
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	19	0.92
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	19	0.92
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	19	0.92
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	19	0.92
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	19	0.92
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	19	0.92
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	19	0.92
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	19	0.92
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	19	0.92
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	19	0.92
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	19	0.92
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	19	0.92
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	19	0.92
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	19	0.92
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	19	0.92
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	19	0.92
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	19	0.92
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	19	0.92
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	19	0.92
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	19	0.92
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	19	0.92
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	19	0.92
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	19	0.92
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	19	0.92
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	19	0.92
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	19	0.92
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	19	0.92
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	19	0.92
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	12	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	12	0.92
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	12	0.92
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	12	0.92
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	12	0.92
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	12	0.92
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	12	0.92
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	12	0.92
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	12	0.92
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	12	0.92
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	12	0.92
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	12	0.92
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	12	0.92
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	12	0.92
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	12	0.92
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	12	0.92
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	12	0.92
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	12	0.92
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	12	0.92
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	12	0.92
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	12	0.92
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	12	0.92
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	12	0.92
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	12	0.92
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	12	0.92
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	12	0.92
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	12	0.92
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	7	0.92
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	7	0.92
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	7	0.92
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	7	0.92
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	7	0.92
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	7	0.92
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	7	0.92
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	7	0.92
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	7	0.92
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	7	0.92
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	7	0.92
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	7	0.92
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	7	0.92
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	7	0.92
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	7	0.92
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	7	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	7	0.92
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	7	0.92
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	7	0.92
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	7	0.92
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	7	0.92
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	7	0.92
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	7	0.92
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	7	0.92
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	7	0.92
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	7	0.92
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	7	0.92
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	12	0.92
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	12	0.92
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	12	0.92
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	12	0.92
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	12	0.92
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	12	0.92
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	12	0.92
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	12	0.92
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	12	0.92
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	12	0.92
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	12	0.92
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	12	0.92
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	12	0.92
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	12	0.92
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	12	0.92
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	12	0.92
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	12	0.92
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	12	0.92
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	12	0.92
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	12	0.92
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	12	0.92
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	12	0.92
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	12	0.92
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	12	0.92
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	12	0.92
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	12	0.92
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	12	0.92
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	12	0.92
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	12	0.92
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	12	0.92
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	12	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	12	0.92
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	12	0.92
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	12	0.92
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	12	0.92
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	12	0.92
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	5	0.91
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	5	0.91
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	5	0.91
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	5	0.91
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	5	0.91
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	5	0.91
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	5	0.91
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	5	0.91
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	5	0.91
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	10	0.91
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	10	0.91
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	10	0.91
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	10	0.91
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	10	0.91
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	10	0.91
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	10	0.91
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	10	0.91
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	10	0.91
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	13	0.91
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	13	0.91
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	13	0.91
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	13	0.91
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	13	0.91
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	13	0.91
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	13	0.91
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	13	0.91
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	13	0.91
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	14	0.91
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	14	0.91
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	14	0.91
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	14	0.91
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	14	0.91
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	14	0.91
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	14	0.91
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	14	0.91
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	14	0.91
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	11	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	11	0.91
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	11	0.91
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	11	0.91
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	11	0.91
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	11	0.91
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	11	0.91
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	11	0.91
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	11	0.91
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	11	0.91
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	11	0.91
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	11	0.91
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	11	0.91
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	11	0.91
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	11	0.91
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	11	0.91
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	11	0.91
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	11	0.91
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	11	0.91
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	11	0.91
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	11	0.91
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	11	0.91
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	11	0.91
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	11	0.91
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	11	0.91
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	11	0.91
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	11	0.91
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	18	0.91
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	18	0.91
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	18	0.91
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	18	0.91
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	18	0.91
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	18	0.91
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	18	0.91
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	18	0.91
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	18	0.91
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	18	0.91
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	18	0.91
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	18	0.91
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	18	0.91
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	18	0.91
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	18	0.91
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	18	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	18	0.91
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	18	0.91
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	18	0.91
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	18	0.91
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	18	0.91
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	18	0.91
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	18	0.91
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	18	0.91
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	18	0.91
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	18	0.91
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	18	0.91
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	18	0.91
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	18	0.91
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	18	0.91
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	18	0.91
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	18	0.91
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	18	0.91
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	18	0.91
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	18	0.91
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	18	0.91
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	18	0.91
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	18	0.91
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	18	0.91
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	18	0.91
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	18	0.91
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	18	0.91
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	18	0.91
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	18	0.91
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	18	0.91
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	18	0.91
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	18	0.91
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	18	0.91
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	18	0.91
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	18	0.91
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	18	0.91
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	18	0.91
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	18	0.91
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	18	0.91
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	19	0.91
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	19	0.91
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	19	0.91
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	19	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	19	0.91
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	19	0.91
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	19	0.91
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	19	0.91
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	19	0.91
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	19	0.91
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	19	0.91
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	19	0.91
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	19	0.91
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	19	0.91
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	19	0.91
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	19	0.91
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	19	0.91
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	19	0.91
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	19	0.91
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	19	0.91
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	19	0.91
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	19	0.91
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	19	0.91
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	19	0.91
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	19	0.91
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	19	0.91
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	19	0.91
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	19	0.91
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	19	0.91
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	19	0.91
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	19	0.91
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	19	0.91
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	19	0.91
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	19	0.91
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	19	0.91
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	19	0.91
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	17	0.9
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	17	0.9
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	17	0.9
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	17	0.9
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	17	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	17	0.9
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	17	0.9
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	17	0.9
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	17	0.9
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	17	0.9
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	17	0.9
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	17	0.9
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	17	0.9
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	17	0.9
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	17	0.9
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	17	0.9
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	17	0.9
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	17	0.9
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	17	0.9
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	17	0.9
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	17	0.9
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	17	0.9
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	17	0.9
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	17	0.9
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	17	0.9
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	17	0.9
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	17	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	17	0.9
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	17	0.9
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	17	0.9
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	17	0.9
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	17	0.9
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	17	0.9
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	17	0.9
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	20	0.9
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	20	0.9
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	20	0.9
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	20	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	20	0.9
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	20	0.9
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	20	0.9
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	20	0.9
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	20	0.9
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	12	0.9
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	12	0.9
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	12	0.9
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	12	0.9
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	12	0.9
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	12	0.9
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	12	0.9
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	12	0.9
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	12	0.9
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	12	0.9
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	12	0.9
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	12	0.9
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	12	0.9
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	12	0.9
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	12	0.9
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	12	0.9
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	12	0.9
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	12	0.9
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	12	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	12	0.9
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	12	0.9
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	12	0.9
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	12	0.9
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	12	0.9
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	12	0.9
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	12	0.9
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	12	0.9
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	12	0.9
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	12	0.9
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	12	0.9
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	12	0.9
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	12	0.9
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	12	0.9
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	12	0.9
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	12	0.9
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	12	0.9
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	12	0.9
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	12	0.9
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	12	0.9
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	12	0.9
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	12	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	12	0.9
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	12	0.9
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	12	0.9
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	12	0.9
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	12	0.9
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	12	0.9
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	12	0.9
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	4	0.9
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	4	0.9
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	4	0.9
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	4	0.9
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	4	0.9
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	4	0.9
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	4	0.9
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	4	0.9
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	4	0.9
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	4	0.9
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	4	0.9
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	4	0.9
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	4	0.9
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	4	0.9
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	4	0.9
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	4	0.9
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	4	0.9
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	4	0.9
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	4	0.9
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	4	0.9
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	4	0.9
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	4	0.9
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	4	0.9
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	4	0.9
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	4	0.9
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	4	0.9
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	4	0.9
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	4	0.9
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	4	0.9
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	4	0.9
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	4	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	4	0.9
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	4	0.9
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	4	0.9
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	4	0.9
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	4	0.9
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	15	0.9
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	15	0.9
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	15	0.9
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	15	0.9
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	15	0.9
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	15	0.9
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	15	0.9
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	15	0.9
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	15	0.9
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	15	0.9
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	15	0.9
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	15	0.9
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	15	0.9
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	15	0.9
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	15	0.9
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	15	0.9
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	15	0.9
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	15	0.9
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	15	0.9
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	15	0.9
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	15	0.9
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	15	0.9
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	15	0.9
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	15	0.9
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	15	0.9
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	15	0.9
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	15	0.9
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	15	0.9
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	15	0.9
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	15	0.9
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	15	0.9
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	15	0.9
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	15	0.9
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	15	0.9
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	15	0.9
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	15	0.9
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	15	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	15	0.9
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	15	0.9
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	15	0.9
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	15	0.9
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	15	0.9
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	15	0.9
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	15	0.9
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	15	0.9
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	15	0.9
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	15	0.9
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	15	0.9
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	15	0.9
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	15	0.9
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	15	0.9
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	15	0.9
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	15	0.9
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	15	0.9
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	15	0.9
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	15	0.9
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	15	0.9
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	15	0.9
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	15	0.9
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	15	0.9
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	15	0.9
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	15	0.9
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	15	0.9
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	15	0.9
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	15	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	15	0.9
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	15	0.9
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	12	0.9
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	12	0.9
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	12	0.9
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	12	0.9
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	12	0.9
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	12	0.9
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	12	0.9
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	12	0.9
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	12	0.9
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	12	0.9
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	12	0.9
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	12	0.9
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	12	0.9
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	12	0.9
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	12	0.9
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	12	0.9
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	12	0.9
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	12	0.9
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	11	0.89
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	11	0.89
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	11	0.89
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	11	0.89
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	11	0.89
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	11	0.89
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	11	0.89
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	11	0.89
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	11	0.89
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	11	0.89
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	11	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	11	0.89
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	11	0.89
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	11	0.89
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	11	0.89
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	11	0.89
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	11	0.89
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	11	0.89
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	11	0.89
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	11	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	11	0.89
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	11	0.89
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	11	0.89
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	11	0.89
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	11	0.89
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	11	0.89
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	11	0.89
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	11	0.89
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	11	0.89
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	11	0.89
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	11	0.89
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	11	0.89
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	11	0.89
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	11	0.89
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	16	0.89
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	16	0.89
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	16	0.89
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	16	0.89
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	16	0.89
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	16	0.89
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	16	0.89
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	16	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	16	0.89
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	16	0.89
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	16	0.89
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	16	0.89
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	16	0.89
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	16	0.89
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	16	0.89
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	16	0.89
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	16	0.89
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	16	0.89
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	16	0.89
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	16	0.89
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	16	0.89
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	16	0.89
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	16	0.89
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	16	0.89
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	16	0.89
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	16	0.89
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	16	0.89
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	16	0.89
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	16	0.89
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	16	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	16	0.89
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	16	0.89
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	16	0.89
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	16	0.89
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	6	0.89
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	6	0.89
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	6	0.89
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	6	0.89
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	6	0.89
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	6	0.89
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	6	0.89
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	6	0.89
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	6	0.89
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	6	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	6	0.89
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	6	0.89
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	6	0.89
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	6	0.89
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	6	0.89
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	6	0.89
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	6	0.89
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	6	0.89
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	17	0.89
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	17	0.89
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	17	0.89
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	17	0.89
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	17	0.89
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	17	0.89
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	17	0.89
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	17	0.89
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	17	0.89
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	17	0.89
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	17	0.89
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	17	0.89
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	17	0.89
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	17	0.89
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	17	0.89
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	17	0.89
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	17	0.89
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	17	0.89
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	17	0.89
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	17	0.89
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	17	0.89
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	17	0.89
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	17	0.89
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	17	0.89
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	17	0.89
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	17	0.89
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	17	0.89
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	17	0.89
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	17	0.89
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	17	0.89
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	17	0.89
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	17	0.89
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	17	0.89
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	17	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	17	0.89
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	17	0.89
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	16	0.89
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	16	0.89
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	16	0.89
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	16	0.89
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	16	0.89
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	16	0.89
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	16	0.89
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	16	0.89
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	16	0.89
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	16	0.89
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	16	0.89
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	16	0.89
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	16	0.89
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	16	0.89
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	16	0.89
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	16	0.89
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	16	0.89
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	16	0.89
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	5	0.89
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	5	0.89
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	5	0.89
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	5	0.89
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	5	0.89
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	5	0.89
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	5	0.89
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	5	0.89
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	5	0.89
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	5	0.89
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	5	0.89
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	5	0.89
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	5	0.89
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	5	0.89
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	5	0.89
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	5	0.89
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	5	0.89
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	5	0.89
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	5	0.89
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	5	0.89
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	5	0.89
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	5	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	5	0.89
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	5	0.89
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	5	0.89
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	5	0.89
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	5	0.89
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	12	0.89
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	12	0.89
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	12	0.89
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	12	0.89
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	12	0.89
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	12	0.89
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	12	0.89
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	12	0.89
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	12	0.89
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	12	0.89
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	12	0.89
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	12	0.89
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	12	0.89
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	12	0.89
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	12	0.89
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	12	0.89
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	12	0.89
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	12	0.89
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	12	0.89
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	12	0.89
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	12	0.89
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	12	0.89
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	12	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	12	0.89
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	12	0.89
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	12	0.89
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	12	0.89
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	12	0.89
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	12	0.89
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	12	0.89
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	12	0.89
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	5	0.89
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	5	0.89
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	5	0.89
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	5	0.89
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	5	0.89
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	5	0.89
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	5	0.89
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	5	0.89
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	5	0.89
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	5	0.89
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	5	0.89
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	5	0.89
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	5	0.89
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	5	0.89
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	5	0.89
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	5	0.89
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	5	0.89
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	5	0.89
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	5	0.89
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	5	0.89
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	5	0.89
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	5	0.89
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	5	0.89
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	5	0.89
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	5	0.89
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	5	0.89
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	5	0.89
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	11	0.89
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	11	0.89
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	11	0.89
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	11	0.89
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	11	0.89
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	11	0.89
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	11	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	11	0.89
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	11	0.89
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	11	0.89
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	11	0.89
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	11	0.89
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	11	0.89
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	11	0.89
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	11	0.89
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	11	0.89
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	11	0.89
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	11	0.89
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	11	0.89
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	11	0.89
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	11	0.89
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	11	0.89
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	11	0.89
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	11	0.89
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	11	0.89
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	11	0.89
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	11	0.89
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	15	0.89
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	15	0.89
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	15	0.89
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	15	0.89
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	15	0.89
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	15	0.89
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	15	0.89
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	15	0.89
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	15	0.89
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	15	0.89
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	15	0.89
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	15	0.89
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	15	0.89
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	15	0.89
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	15	0.89
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	15	0.89
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	15	0.89
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	15	0.89
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	15	0.89
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	15	0.89
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	15	0.89
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	15	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	15	0.89
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	15	0.89
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	15	0.89
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	15	0.89
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	15	0.89
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	8	0.88
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	8	0.88
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	8	0.88
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	8	0.88
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	8	0.88
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	8	0.88
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	8	0.88
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	8	0.88
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	8	0.88
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	17	0.88
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	17	0.88
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	17	0.88
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	17	0.88
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	17	0.88
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	17	0.88
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	17	0.88
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	17	0.88
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	17	0.88
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	6	0.88
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	6	0.88
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	6	0.88
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	6	0.88
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	6	0.88
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	6	0.88
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	6	0.88
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	6	0.88
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	6	0.88
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	6	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	6	0.88
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	6	0.88
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	6	0.88
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	6	0.88
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	6	0.88
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	6	0.88
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	6	0.88
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	6	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	6	0.88
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	6	0.88
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	6	0.88
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	6	0.88
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	6	0.88
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	6	0.88
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	6	0.88
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	6	0.88
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	6	0.88
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	6	0.88
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	6	0.88
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	6	0.88
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	6	0.88
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	6	0.88
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	6	0.88
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	6	0.88
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	18	0.88
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	18	0.88
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	18	0.88
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	18	0.88
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	18	0.88
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	18	0.88
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	18	0.88
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	18	0.88
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	18	0.88
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	18	0.88
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	18	0.88
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	18	0.88
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	18	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	18	0.88
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	18	0.88
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	18	0.88
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	18	0.88
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	18	0.88
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	18	0.88
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	18	0.88
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	18	0.88
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	18	0.88
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	18	0.88
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	18	0.88
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	18	0.88
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	18	0.88
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	18	0.88
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	18	0.88
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	18	0.88
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	18	0.88
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	18	0.88
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	18	0.88
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	18	0.88
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	18	0.88
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	18	0.88
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	18	0.88
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	18	0.88
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	18	0.88
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	18	0.88
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	18	0.88
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	18	0.88
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	18	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	18	0.88
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	18	0.88
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	18	0.88
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	18	0.88
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	18	0.88
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	18	0.88
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	20	0.88
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	20	0.88
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	20	0.88
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	20	0.88
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	20	0.88
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	20	0.88
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	20	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	20	0.88
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	20	0.88
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	20	0.88
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	20	0.88
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	20	0.88
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	20	0.88
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	20	0.88
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	20	0.88
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	20	0.88
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	20	0.88
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	20	0.88
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	7	0.88
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	7	0.88
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	7	0.88
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	7	0.88
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	7	0.88
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	7	0.88
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	7	0.88
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	7	0.88
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	7	0.88
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	7	0.88
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	7	0.88
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	7	0.88
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	7	0.88
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	7	0.88
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	7	0.88
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	7	0.88
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	7	0.88
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	7	0.88
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	7	0.88
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	7	0.88
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	7	0.88
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	7	0.88
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	7	0.88
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	7	0.88
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	7	0.88
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	7	0.88
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	7	0.88
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	5	0.88
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	5	0.88
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	5	0.88
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	5	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	5	0.88
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	5	0.88
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	5	0.88
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	5	0.88
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	5	0.88
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	5	0.88
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	5	0.88
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	5	0.88
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	5	0.88
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	5	0.88
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	5	0.88
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	5	0.88
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	5	0.88
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	19	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	19	0.88
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	19	0.88
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	19	0.88
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	19	0.88
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	19	0.88
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	19	0.88
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	19	0.88
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	19	0.88
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	19	0.88
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	19	0.88
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	19	0.88
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	19	0.88
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	19	0.88
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	19	0.88
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	19	0.88
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	19	0.88
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	19	0.88
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	19	0.88
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	19	0.88
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	19	0.88
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	19	0.88
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	19	0.88
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	19	0.88
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	19	0.88
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	19	0.88
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	19	0.88
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	19	0.88
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	19	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	19	0.88
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	19	0.88
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	20	0.88
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	20	0.88
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	20	0.88
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	20	0.88
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	20	0.88
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	20	0.88
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	20	0.88
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	20	0.88
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	20	0.88
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	20	0.88
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	20	0.88
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	20	0.88
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	20	0.88
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	20	0.88
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	20	0.88
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	20	0.88
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	20	0.88
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	20	0.88
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	20	0.88
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	20	0.88
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	20	0.88
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	20	0.88
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	20	0.88
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	20	0.88
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	20	0.88
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	20	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	20	0.88
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	20	0.88
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	20	0.88
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	20	0.88
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	20	0.88
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	6	0.88
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	6	0.88
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	6	0.88
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	6	0.88
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	6	0.88
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	6	0.88
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	6	0.88
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	6	0.88
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	6	0.88
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	6	0.88
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	6	0.88
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	6	0.88
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	6	0.88
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	6	0.88
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	6	0.88
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	6	0.88
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	6	0.88
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	6	0.88
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	6	0.88
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	6	0.88
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	6	0.88
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	6	0.88
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	6	0.88
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	6	0.88
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	6	0.88
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	6	0.88
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	6	0.88
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	16	0.88
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	16	0.88
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	16	0.88
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	16	0.88
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	16	0.88
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	16	0.88
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	16	0.88
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	16	0.88
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	16	0.88
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	16	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	16	0.88
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	16	0.88
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	16	0.88
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	16	0.88
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	16	0.88
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	16	0.88
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	16	0.88
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	16	0.88
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	16	0.88
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	16	0.88
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	16	0.88
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	16	0.88
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	16	0.88
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	16	0.88
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	16	0.88
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	16	0.88
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	16	0.88
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	13	0.88
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	13	0.88
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	13	0.88
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	13	0.88
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	13	0.88
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	13	0.88
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	13	0.88
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	13	0.88
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	13	0.88
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	13	0.88
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	13	0.88
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	13	0.88
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	13	0.88
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	13	0.88
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	13	0.88
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	13	0.88
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	13	0.88
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	13	0.88
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	9	0.87
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	9	0.87
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	9	0.87
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	9	0.87
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	9	0.87
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	9	0.87
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	9	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	9	0.87
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	9	0.87
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	1	0.87
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	1	0.87
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	1	0.87
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	1	0.87
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	1	0.87
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	1	0.87
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	1	0.87
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	1	0.87
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	1	0.87
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	1	0.87
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	1	0.87
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	1	0.87
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	1	0.87
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	1	0.87
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	1	0.87
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	1	0.87
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	1	0.87
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	1	0.87
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	1	0.87
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	1	0.87
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	1	0.87
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	1	0.87
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	1	0.87
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	1	0.87
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	1	0.87
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	1	0.87
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	1	0.87
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	2	0.87
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	2	0.87
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	2	0.87
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	2	0.87
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	2	0.87
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	2	0.87
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	2	0.87
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	2	0.87
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	2	0.87
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	2	0.87
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	2	0.87
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	2	0.87
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	2	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	2	0.87
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	2	0.87
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	2	0.87
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	2	0.87
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	2	0.87
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	2	0.87
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	2	0.87
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	2	0.87
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	2	0.87
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	2	0.87
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	2	0.87
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	2	0.87
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	2	0.87
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	2	0.87
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	14	0.87
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	14	0.87
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	14	0.87
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	14	0.87
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	14	0.87
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	14	0.87
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	14	0.87
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	14	0.87
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	14	0.87
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	14	0.87
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	14	0.87
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	14	0.87
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	14	0.87
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	14	0.87
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	14	0.87
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	14	0.87
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	14	0.87
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	14	0.87
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	14	0.87
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	14	0.87
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	14	0.87
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	14	0.87
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	14	0.87
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	14	0.87
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	14	0.87
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	14	0.87
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	14	0.87
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	14	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	14	0.87
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	14	0.87
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	14	0.87
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	12	0.87
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	12	0.87
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	12	0.87
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	12	0.87
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	12	0.87
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	12	0.87
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	12	0.87
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	12	0.87
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	12	0.87
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	12	0.87
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	12	0.87
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	12	0.87
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	12	0.87
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	12	0.87
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	12	0.87
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	12	0.87
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	12	0.87
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	12	0.87
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	12	0.87
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	12	0.87
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	12	0.87
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	12	0.87
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	12	0.87
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	12	0.87
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	12	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	12	0.87
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	12	0.87
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	4	0.87
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	4	0.87
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	4	0.87
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	4	0.87
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	4	0.87
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	4	0.87
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	4	0.87
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	4	0.87
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	4	0.87
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	4	0.87
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	4	0.87
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	4	0.87
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	4	0.87
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	4	0.87
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	4	0.87
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	4	0.87
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	4	0.87
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	4	0.87
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	7	0.87
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	7	0.87
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	7	0.87
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	7	0.87
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	7	0.87
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	7	0.87
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	7	0.87
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	7	0.87
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	7	0.87
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	7	0.87
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	7	0.87
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	7	0.87
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	7	0.87
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	7	0.87
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	7	0.87
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	7	0.87
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	7	0.87
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	7	0.87
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	8	0.87
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	8	0.87
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	8	0.87
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	8	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	8	0.87
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	8	0.87
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	8	0.87
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	8	0.87
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	8	0.87
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	8	0.87
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	8	0.87
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	8	0.87
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	8	0.87
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	8	0.87
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	8	0.87
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	8	0.87
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	8	0.87
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	8	0.87
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	7	0.87
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	7	0.87
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	7	0.87
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	7	0.87
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	7	0.87
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	7	0.87
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	7	0.87
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	7	0.87
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	7	0.87
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	7	0.87
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	7	0.87
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	7	0.87
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	7	0.87
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	7	0.87
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	7	0.87
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	7	0.87
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	7	0.87
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	7	0.87
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	7	0.87
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	7	0.87
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	7	0.87
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	7	0.87
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	7	0.87
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	7	0.87
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	7	0.87
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	7	0.87
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	7	0.87
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	7	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	7	0.87
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	7	0.87
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	7	0.87
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	7	0.87
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	7	0.87
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	7	0.87
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	7	0.87
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	7	0.87
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	10	0.87
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	10	0.87
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	10	0.87
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	10	0.87
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	10	0.87
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	10	0.87
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	10	0.87
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	10	0.87
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	10	0.87
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	10	0.87
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	10	0.87
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	10	0.87
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	10	0.87
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	10	0.87
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	10	0.87
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	10	0.87
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	10	0.87
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	10	0.87
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	10	0.87
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	10	0.87
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	10	0.87
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	10	0.87
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	10	0.87
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	10	0.87
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	10	0.87
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	10	0.87
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	10	0.87
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	10	0.87
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	10	0.87
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	10	0.87
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	10	0.87
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	10	0.87
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	10	0.87
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	10	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	10	0.87
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	10	0.87
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	19	0.86
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	19	0.86
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	19	0.86
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	19	0.86
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	19	0.86
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	19	0.86
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	19	0.86
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	19	0.86
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	19	0.86
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	2	0.86
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	2	0.86
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	2	0.86
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	2	0.86
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	2	0.86
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	2	0.86
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	2	0.86
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	2	0.86
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	2	0.86
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	2	0.86
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	2	0.86
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	2	0.86
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	2	0.86
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	2	0.86
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	2	0.86
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	2	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	2	0.86
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	2	0.86
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	2	0.86
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	2	0.86
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	2	0.86
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	2	0.86
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	2	0.86
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	2	0.86
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	2	0.86
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	2	0.86
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	2	0.86
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	2	0.86
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	2	0.86
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	2	0.86
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	2	0.86
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	2	0.86
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	2	0.86
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	2	0.86
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	2	0.86
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	2	0.86
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	2	0.86
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	2	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	2	0.86
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	2	0.86
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	2	0.86
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	2	0.86
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	2	0.86
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	2	0.86
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	2	0.86
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	2	0.86
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	2	0.86
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	2	0.86
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	8	0.86
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	8	0.86
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	8	0.86
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	8	0.86
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	8	0.86
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	8	0.86
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	8	0.86
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	8	0.86
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	8	0.86
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	8	0.86
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	8	0.86
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	8	0.86
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	8	0.86
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	8	0.86
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	8	0.86
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	8	0.86
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	8	0.86
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	8	0.86
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	14	0.86
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	14	0.86
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	14	0.86
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	14	0.86
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	14	0.86
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	14	0.86
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	14	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	14	0.86
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	14	0.86
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	14	0.86
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	14	0.86
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	14	0.86
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	14	0.86
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	14	0.86
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	14	0.86
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	14	0.86
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	14	0.86
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	14	0.86
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	14	0.86
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	14	0.86
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	14	0.86
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	14	0.86
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	14	0.86
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	14	0.86
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	14	0.86
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	14	0.86
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	14	0.86
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	19	0.86
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	19	0.86
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	19	0.86
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	19	0.86
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	19	0.86
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	19	0.86
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	19	0.86
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	19	0.86
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	19	0.86
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	19	0.86
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	19	0.86
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	19	0.86
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	19	0.86
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	19	0.86
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	19	0.86
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	19	0.86
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	19	0.86
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	19	0.86
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	19	0.86
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	19	0.86
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	19	0.86
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	19	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	19	0.86
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	19	0.86
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	19	0.86
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	19	0.86
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	19	0.86
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	1	0.86
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	1	0.86
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	1	0.86
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	1	0.86
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	1	0.86
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	1	0.86
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	1	0.86
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	1	0.86
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	1	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	1	0.86
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	1	0.86
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	1	0.86
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	1	0.86
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	1	0.86
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	1	0.86
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	1	0.86
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	1	0.86
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	2	0.86
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	2	0.86
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	2	0.86
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	2	0.86
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	2	0.86
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	2	0.86
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	2	0.86
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	2	0.86
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	2	0.86
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	2	0.86
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	2	0.86
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	2	0.86
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	2	0.86
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	2	0.86
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	2	0.86
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	2	0.86
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	2	0.86
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	2	0.86
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	2	0.86
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	2	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	2	0.86
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	2	0.86
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	2	0.86
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	2	0.86
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	2	0.86
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	2	0.86
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	2	0.86
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	2	0.86
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	2	0.86
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	2	0.86
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	2	0.86
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	17	0.86
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	17	0.86
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	17	0.86
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	17	0.86
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	17	0.86
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	17	0.86
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	17	0.86
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	17	0.86
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	17	0.86
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	17	0.86
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	17	0.86
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	17	0.86
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	17	0.86
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	17	0.86
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	17	0.86
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	17	0.86
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	17	0.86
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	17	0.86
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	17	0.86
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	17	0.86
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	17	0.86
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	17	0.86
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	17	0.86
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	17	0.86
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	17	0.86
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	17	0.86
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	17	0.86
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	19	0.86
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	19	0.86
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	19	0.86
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	19	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	19	0.86
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	19	0.86
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	19	0.86
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	19	0.86
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	19	0.86
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	19	0.86
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	19	0.86
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	19	0.86
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	19	0.86
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	19	0.86
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	19	0.86
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	19	0.86
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	19	0.86
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	19	0.86
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	19	0.86
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	19	0.86
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	19	0.86
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	19	0.86
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	19	0.86
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	19	0.86
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	19	0.86
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	19	0.86
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	19	0.86
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	4	0.86
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	4	0.86
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	4	0.86
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	4	0.86
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	4	0.86
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	4	0.86
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	4	0.86
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	4	0.86
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	4	0.86
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	4	0.86
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	4	0.86
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	4	0.86
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	4	0.86
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	4	0.86
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	4	0.86
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	4	0.86
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	4	0.86
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	4	0.86
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	15	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	15	0.85
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	15	0.85
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	15	0.85
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	15	0.85
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	15	0.85
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	15	0.85
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	15	0.85
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	15	0.85
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	20	0.85
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	20	0.85
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	20	0.85
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	20	0.85
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	20	0.85
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	20	0.85
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	20	0.85
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	20	0.85
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	20	0.85
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	20	0.85
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	20	0.85
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	20	0.85
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	20	0.85
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	20	0.85
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	20	0.85
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	20	0.85
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	20	0.85
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	20	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	20	0.85
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	20	0.85
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	20	0.85
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	20	0.85
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	20	0.85
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	20	0.85
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	20	0.85
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	20	0.85
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	20	0.85
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	20	0.85
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	20	0.85
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	20	0.85
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	20	0.85
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	20	0.85
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	20	0.85
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	20	0.85
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	20	0.85
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	20	0.85
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	20	0.85
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	20	0.85
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	20	0.85
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	20	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	20	0.85
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	20	0.85
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	20	0.85
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	20	0.85
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	20	0.85
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	20	0.85
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	20	0.85
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	20	0.85
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	4	0.85
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	4	0.85
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	4	0.85
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	4	0.85
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	4	0.85
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	4	0.85
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	4	0.85
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	4	0.85
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	4	0.85
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	4	0.85
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	4	0.85
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	4	0.85
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	4	0.85
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	4	0.85
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	4	0.85
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	4	0.85
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	4	0.85
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	4	0.85
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	12	0.85
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	12	0.85
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	12	0.85
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	12	0.85
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	12	0.85
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	12	0.85
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	12	0.85
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	12	0.85
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	12	0.85
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	12	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	12	0.85
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	12	0.85
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	12	0.85
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	12	0.85
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	12	0.85
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	12	0.85
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	12	0.85
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	12	0.85
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	12	0.85
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	12	0.85
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	12	0.85
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	12	0.85
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	12	0.85
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	12	0.85
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	12	0.85
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	12	0.85
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	12	0.85
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	12	0.85
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	12	0.85
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	12	0.85
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	12	0.85
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	12	0.85
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	12	0.85
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	12	0.85
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	12	0.85
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	12	0.85
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	18	0.85
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	18	0.85
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	18	0.85
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	18	0.85
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	18	0.85
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	18	0.85
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	18	0.85
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	18	0.85
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	18	0.85
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	18	0.85
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	18	0.85
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	18	0.85
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	18	0.85
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	18	0.85
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	18	0.85
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	18	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	18	0.85
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	18	0.85
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	4	0.85
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	4	0.85
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	4	0.85
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	4	0.85
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	4	0.85
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	4	0.85
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	4	0.85
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	4	0.85
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	4	0.85
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	4	0.85
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	4	0.85
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	4	0.85
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	4	0.85
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	4	0.85
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	4	0.85
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	4	0.85
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	4	0.85
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	4	0.85
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	4	0.85
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	4	0.85
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	4	0.85
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	4	0.85
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	4	0.85
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	4	0.85
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	4	0.85
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	4	0.85
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	4	0.85
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	6	0.85
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	6	0.85
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	6	0.85
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	6	0.85
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	6	0.85
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	6	0.85
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	6	0.85
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	6	0.85
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	6	0.85
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	6	0.85
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	6	0.85
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	6	0.85
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	6	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	6	0.85
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	6	0.85
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	6	0.85
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	6	0.85
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	6	0.85
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	6	0.85
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	6	0.85
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	6	0.85
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	6	0.85
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	6	0.85
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	6	0.85
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	6	0.85
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	6	0.85
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	6	0.85
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	10	0.85
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	10	0.85
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	10	0.85
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	10	0.85
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	10	0.85
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	10	0.85
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	10	0.85
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	10	0.85
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	10	0.85
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	10	0.85
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	10	0.85
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	10	0.85
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	10	0.85
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	10	0.85
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	10	0.85
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	10	0.85
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	10	0.85
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	10	0.85
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	10	0.85
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	10	0.85
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	10	0.85
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	10	0.85
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	10	0.85
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	10	0.85
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	10	0.85
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	10	0.85
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	10	0.85
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	6	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	6	0.85
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	6	0.85
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	6	0.85
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	6	0.85
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	6	0.85
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	6	0.85
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	6	0.85
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	6	0.85
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	6	0.85
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	6	0.85
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	6	0.85
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	6	0.85
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	6	0.85
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	6	0.85
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	6	0.85
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	6	0.85
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	6	0.85
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	6	0.85
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	6	0.85
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	6	0.85
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	6	0.85
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	6	0.85
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	6	0.85
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	6	0.85
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	6	0.85
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	6	0.85
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	6	0.85
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	6	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	6	0.85
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	6	0.85
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	4	0.85
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	4	0.85
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	4	0.85
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	4	0.85
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	4	0.85
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	4	0.85
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	4	0.85
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	4	0.85
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	4	0.85
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	4	0.85
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	4	0.85
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	4	0.85
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	4	0.85
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	4	0.85
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	4	0.85
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	4	0.85
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	4	0.85
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	4	0.85
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	4	0.85
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	4	0.85
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	4	0.85
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	4	0.85
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	4	0.85
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	4	0.85
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	4	0.85
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	4	0.85
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	4	0.85
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	4	0.85
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	4	0.85
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	4	0.85
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	4	0.85
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	4	0.85
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	4	0.85
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	4	0.85
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	4	0.85
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	4	0.85
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	4	0.85
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	4	0.85
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	4	0.85
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	4	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	4	0.85
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	4	0.85
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	4	0.85
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	4	0.85
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	4	0.85
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	4	0.85
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	4	0.85
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	4	0.85
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	4	0.85
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	4	0.85
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	4	0.85
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	4	0.85
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	4	0.85
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	4	0.85
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	4	0.85
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	4	0.85
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	4	0.85
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	4	0.85
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	4	0.85
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	4	0.85
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	4	0.85
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	4	0.85
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	4	0.85
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	3	0.84
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	3	0.84
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	3	0.84
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	3	0.84
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	3	0.84
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	3	0.84
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	3	0.84
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	3	0.84
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	3	0.84
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	11	0.84
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	11	0.84
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	11	0.84
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	11	0.84
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	11	0.84
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	11	0.84
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	11	0.84
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	11	0.84
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	11	0.84
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	12	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	12	0.84
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	12	0.84
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	12	0.84
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	12	0.84
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	12	0.84
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	12	0.84
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	12	0.84
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	12	0.84
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	4	0.84
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	4	0.84
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	4	0.84
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	4	0.84
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	4	0.84
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	4	0.84
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	4	0.84
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	4	0.84
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	4	0.84
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	4	0.84
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	4	0.84
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	4	0.84
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	4	0.84
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	4	0.84
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	4	0.84
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	4	0.84
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	4	0.84
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	4	0.84
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	14	0.84
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	14	0.84
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	14	0.84
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	14	0.84
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	14	0.84
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	14	0.84
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	14	0.84
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	14	0.84
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	14	0.84
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	14	0.84
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	14	0.84
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	14	0.84
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	14	0.84
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	14	0.84
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	14	0.84
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	14	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	14	0.84
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	14	0.84
(1,240)	1:A:9:PHE:HD1	1:A:13:GLY:HA2	8	0.84
(1,240)	1:A:9:PHE:HD1	1:B:13:GLY:HA2	8	0.84
(1,240)	1:A:9:PHE:HD1	1:C:13:GLY:HA2	8	0.84
(1,240)	1:A:9:PHE:HD2	1:A:13:GLY:HA2	8	0.84
(1,240)	1:A:9:PHE:HD2	1:B:13:GLY:HA2	8	0.84
(1,240)	1:A:9:PHE:HD2	1:C:13:GLY:HA2	8	0.84
(1,240)	1:A:9:PHE:HE1	1:A:13:GLY:HA2	8	0.84
(1,240)	1:A:9:PHE:HE1	1:B:13:GLY:HA2	8	0.84
(1,240)	1:A:9:PHE:HE1	1:C:13:GLY:HA2	8	0.84
(1,240)	1:A:9:PHE:HE2	1:A:13:GLY:HA2	8	0.84
(1,240)	1:A:9:PHE:HE2	1:B:13:GLY:HA2	8	0.84
(1,240)	1:A:9:PHE:HE2	1:C:13:GLY:HA2	8	0.84
(1,240)	1:A:9:PHE:HZ	1:A:13:GLY:HA2	8	0.84
(1,240)	1:A:9:PHE:HZ	1:B:13:GLY:HA2	8	0.84
(1,240)	1:A:9:PHE:HZ	1:C:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HD1	1:A:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HD1	1:B:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HD1	1:C:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HD2	1:A:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HD2	1:B:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HD2	1:C:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HE1	1:A:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HE1	1:B:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HE1	1:C:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HE2	1:A:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HE2	1:B:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HE2	1:C:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HZ	1:A:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HZ	1:B:13:GLY:HA2	8	0.84
(1,240)	1:B:9:PHE:HZ	1:C:13:GLY:HA2	8	0.84
(1,240)	1:C:9:PHE:HD1	1:A:13:GLY:HA2	8	0.84
(1,240)	1:C:9:PHE:HD1	1:B:13:GLY:HA2	8	0.84
(1,240)	1:C:9:PHE:HD1	1:C:13:GLY:HA2	8	0.84
(1,240)	1:C:9:PHE:HD2	1:A:13:GLY:HA2	8	0.84
(1,240)	1:C:9:PHE:HD2	1:B:13:GLY:HA2	8	0.84
(1,240)	1:C:9:PHE:HD2	1:C:13:GLY:HA2	8	0.84
(1,240)	1:C:9:PHE:HE1	1:A:13:GLY:HA2	8	0.84
(1,240)	1:C:9:PHE:HE1	1:B:13:GLY:HA2	8	0.84
(1,240)	1:C:9:PHE:HE1	1:C:13:GLY:HA2	8	0.84
(1,240)	1:C:9:PHE:HE2	1:A:13:GLY:HA2	8	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:C:9:PHE:HE2	1:B:13:GLY:HA2	8	0.84
(1,240)	1:C:9:PHE:HE2	1:C:13:GLY:HA2	8	0.84
(1,240)	1:C:9:PHE:HZ	1:A:13:GLY:HA2	8	0.84
(1,240)	1:C:9:PHE:HZ	1:B:13:GLY:HA2	8	0.84
(1,240)	1:C:9:PHE:HZ	1:C:13:GLY:HA2	8	0.84
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	1	0.84
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	1	0.84
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	1	0.84
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	1	0.84
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	1	0.84
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	1	0.84
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	1	0.84
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	1	0.84
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	1	0.84
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	1	0.84
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	1	0.84
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	1	0.84
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	1	0.84
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	1	0.84
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	1	0.84
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	1	0.84
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	1	0.84
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	1	0.84
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	1	0.84
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	1	0.84
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	1	0.84
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	1	0.84
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	1	0.84
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	1	0.84
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	1	0.84
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	1	0.84
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	1	0.84
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	3	0.84
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	3	0.84
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	3	0.84
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	3	0.84
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	3	0.84
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	3	0.84
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	3	0.84
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	3	0.84
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	3	0.84
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	3	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	3	0.84
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	3	0.84
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	3	0.84
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	3	0.84
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	3	0.84
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	3	0.84
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	3	0.84
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	3	0.84
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	3	0.84
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	3	0.84
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	3	0.84
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	3	0.84
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	3	0.84
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	3	0.84
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	3	0.84
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	3	0.84
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	3	0.84
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	9	0.84
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	9	0.84
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	9	0.84
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	9	0.84
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	9	0.84
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	9	0.84
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	9	0.84
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	9	0.84
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	9	0.84
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	9	0.84
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	9	0.84
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	9	0.84
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	9	0.84
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	9	0.84
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	9	0.84
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	9	0.84
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	9	0.84
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	9	0.84
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	9	0.84
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	9	0.84
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	9	0.84
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	9	0.84
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	9	0.84
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	9	0.84
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	9	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	9	0.84
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	9	0.84
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	9	0.84
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	9	0.84
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	9	0.84
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	9	0.84
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	9	0.84
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	9	0.84
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	9	0.84
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	9	0.84
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	9	0.84
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	13	0.84
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	13	0.84
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	13	0.84
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	13	0.84
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	13	0.84
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	13	0.84
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	13	0.84
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	13	0.84
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	13	0.84
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	13	0.84
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	13	0.84
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	13	0.84
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	13	0.84
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	13	0.84
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	13	0.84
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	13	0.84
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	13	0.84
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	13	0.84
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	13	0.84
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	13	0.84
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	13	0.84
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	13	0.84
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	13	0.84
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	13	0.84
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	13	0.84
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	13	0.84
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	13	0.84
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	13	0.84
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	13	0.84
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	13	0.84
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	13	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	13	0.84
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	13	0.84
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	13	0.84
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	13	0.84
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	13	0.84
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	1	0.83
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	1	0.83
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	1	0.83
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	1	0.83
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	1	0.83
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	1	0.83
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	1	0.83
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	1	0.83
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	1	0.83
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	2	0.83
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	2	0.83
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	2	0.83
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	2	0.83
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	2	0.83
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	2	0.83
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	2	0.83
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	2	0.83
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	2	0.83
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB2	13	0.83
(1,312)	1:A:9:PHE:HD1	1:A:17:MET:HB3	13	0.83
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB2	13	0.83
(1,312)	1:A:9:PHE:HD1	1:B:17:MET:HB3	13	0.83
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB2	13	0.83
(1,312)	1:A:9:PHE:HD1	1:C:17:MET:HB3	13	0.83
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB2	13	0.83
(1,312)	1:A:9:PHE:HD2	1:A:17:MET:HB3	13	0.83
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB2	13	0.83
(1,312)	1:A:9:PHE:HD2	1:B:17:MET:HB3	13	0.83
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB2	13	0.83
(1,312)	1:A:9:PHE:HD2	1:C:17:MET:HB3	13	0.83
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB2	13	0.83
(1,312)	1:A:9:PHE:HE1	1:A:17:MET:HB3	13	0.83
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB2	13	0.83
(1,312)	1:A:9:PHE:HE1	1:B:17:MET:HB3	13	0.83
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB2	13	0.83
(1,312)	1:A:9:PHE:HE1	1:C:17:MET:HB3	13	0.83
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB2	13	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:A:9:PHE:HE2	1:A:17:MET:HB3	13	0.83
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB2	13	0.83
(1,312)	1:A:9:PHE:HE2	1:B:17:MET:HB3	13	0.83
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB2	13	0.83
(1,312)	1:A:9:PHE:HE2	1:C:17:MET:HB3	13	0.83
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB2	13	0.83
(1,312)	1:A:9:PHE:HZ	1:A:17:MET:HB3	13	0.83
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB2	13	0.83
(1,312)	1:A:9:PHE:HZ	1:B:17:MET:HB3	13	0.83
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB2	13	0.83
(1,312)	1:A:9:PHE:HZ	1:C:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HD1	1:A:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HD1	1:B:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HD1	1:C:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HD2	1:A:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HD2	1:B:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HD2	1:C:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HE1	1:A:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HE1	1:B:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HE1	1:C:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HE2	1:A:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HE2	1:B:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HE2	1:C:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HZ	1:A:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HZ	1:B:17:MET:HB3	13	0.83
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB2	13	0.83
(1,312)	1:B:9:PHE:HZ	1:C:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB2	13	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:C:9:PHE:HD1	1:A:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB2	13	0.83
(1,312)	1:C:9:PHE:HD1	1:B:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB2	13	0.83
(1,312)	1:C:9:PHE:HD1	1:C:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB2	13	0.83
(1,312)	1:C:9:PHE:HD2	1:A:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB2	13	0.83
(1,312)	1:C:9:PHE:HD2	1:B:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB2	13	0.83
(1,312)	1:C:9:PHE:HD2	1:C:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB2	13	0.83
(1,312)	1:C:9:PHE:HE1	1:A:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB2	13	0.83
(1,312)	1:C:9:PHE:HE1	1:B:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB2	13	0.83
(1,312)	1:C:9:PHE:HE1	1:C:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB2	13	0.83
(1,312)	1:C:9:PHE:HE2	1:A:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB2	13	0.83
(1,312)	1:C:9:PHE:HE2	1:B:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB2	13	0.83
(1,312)	1:C:9:PHE:HE2	1:C:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB2	13	0.83
(1,312)	1:C:9:PHE:HZ	1:A:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB2	13	0.83
(1,312)	1:C:9:PHE:HZ	1:B:17:MET:HB3	13	0.83
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB2	13	0.83
(1,312)	1:C:9:PHE:HZ	1:C:17:MET:HB3	13	0.83
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	8	0.83
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	8	0.83
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	8	0.83
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	8	0.83
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	8	0.83
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	8	0.83
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	8	0.83
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	8	0.83
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	8	0.83
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	8	0.83
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	8	0.83
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	8	0.83
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	8	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	8	0.83
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	8	0.83
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	8	0.83
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	8	0.83
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	8	0.83
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	8	0.83
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	8	0.83
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	8	0.83
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	8	0.83
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	8	0.83
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	8	0.83
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	8	0.83
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	8	0.83
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	8	0.83
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	8	0.83
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	8	0.83
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	8	0.83
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	8	0.83
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	8	0.83
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	8	0.83
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	8	0.83
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	8	0.83
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	8	0.83
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	17	0.83
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	17	0.83
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	17	0.83
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	17	0.83
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	17	0.83
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	17	0.83
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	17	0.83
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	17	0.83
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	17	0.83
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	17	0.83
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	17	0.83
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	17	0.83
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	17	0.83
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	17	0.83
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	17	0.83
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	17	0.83
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	17	0.83
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	17	0.83
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	19	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	19	0.83
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	19	0.83
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	19	0.83
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	19	0.83
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	19	0.83
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	19	0.83
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	19	0.83
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	19	0.83
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	19	0.83
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	19	0.83
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	19	0.83
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	19	0.83
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	19	0.83
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	19	0.83
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	19	0.83
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	19	0.83
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	19	0.83
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	8	0.83
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	8	0.83
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	8	0.83
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	8	0.83
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	8	0.83
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	8	0.83
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	8	0.83
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	8	0.83
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	8	0.83
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	8	0.83
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	8	0.83
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	8	0.83
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	8	0.83
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	8	0.83
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	8	0.83
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	8	0.83
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	8	0.83
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	8	0.83
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	8	0.83
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	8	0.83
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	8	0.83
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	8	0.83
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	8	0.83
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	8	0.83
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	8	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	8	0.83
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	8	0.83
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	9	0.83
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	9	0.83
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	9	0.83
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	9	0.83
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	9	0.83
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	9	0.83
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	9	0.83
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	9	0.83
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	9	0.83
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	9	0.83
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	9	0.83
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	9	0.83
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	9	0.83
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	9	0.83
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	9	0.83
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	9	0.83
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	9	0.83
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	9	0.83
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	9	0.83
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	9	0.83
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	9	0.83
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	9	0.83
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	9	0.83
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	9	0.83
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	9	0.83
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	9	0.83
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	9	0.83
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	16	0.83
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	16	0.83
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	16	0.83
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	16	0.83
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	16	0.83
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	16	0.83
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	16	0.83
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	16	0.83
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	16	0.83
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	16	0.83
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	16	0.83
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	16	0.83
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	16	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	16	0.83
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	16	0.83
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	16	0.83
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	16	0.83
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	16	0.83
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	16	0.83
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	16	0.83
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	16	0.83
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	16	0.83
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	16	0.83
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	16	0.83
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	16	0.83
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	16	0.83
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	16	0.83
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	3	0.83
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	3	0.83
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	3	0.83
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	3	0.83
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	3	0.83
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	3	0.83
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	3	0.83
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	3	0.83
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	3	0.83
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	3	0.83
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	3	0.83
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	3	0.83
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	3	0.83
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	3	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	3	0.83
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	3	0.83
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	3	0.83
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	17	0.83
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	17	0.83
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	17	0.83
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	17	0.83
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	17	0.83
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	17	0.83
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	17	0.83
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	17	0.83
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	17	0.83
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	17	0.83
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	17	0.83
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	17	0.83
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	17	0.83
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	17	0.83
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	17	0.83
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	17	0.83
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	17	0.83
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	17	0.83
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	17	0.83
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	17	0.83
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	17	0.83
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	17	0.83
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	17	0.83
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	17	0.83
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	17	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	17	0.83
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	17	0.83
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	17	0.83
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	17	0.83
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	17	0.83
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	17	0.83
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	1	0.83
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	1	0.83
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	1	0.83
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	1	0.83
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	1	0.83
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	1	0.83
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	1	0.83
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	1	0.83
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	1	0.83
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	1	0.83
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	1	0.83
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	1	0.83
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	1	0.83
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	1	0.83
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	1	0.83
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	1	0.83
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	1	0.83
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	1	0.83
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	1	0.83
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	1	0.83
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	1	0.83
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	1	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	1	0.83
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	1	0.83
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	1	0.83
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	1	0.83
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	1	0.83
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	1	0.83
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	1	0.83
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	1	0.83
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	1	0.83
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	1	0.83
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	1	0.83
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	1	0.83
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	1	0.83
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	1	0.83
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	8	0.83
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	8	0.83
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	8	0.83
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	8	0.83
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	8	0.83
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	8	0.83
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	8	0.83
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	8	0.83
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	8	0.83
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	8	0.83
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	8	0.83
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	8	0.83
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	8	0.83
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	8	0.83
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	8	0.83
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	8	0.83
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	8	0.83
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	8	0.83
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	8	0.83
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	8	0.83
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	8	0.83
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	8	0.83
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	8	0.83
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	8	0.83
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	8	0.83
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	8	0.83
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	8	0.83
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	8	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	8	0.83
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	8	0.83
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	8	0.83
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	8	0.83
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	8	0.83
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	8	0.83
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	8	0.83
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	8	0.83
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	4	0.82
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	4	0.82
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	4	0.82
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	4	0.82
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	4	0.82
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	4	0.82
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	4	0.82
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	4	0.82
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	4	0.82
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	4	0.82
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	4	0.82
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	4	0.82
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	4	0.82
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	4	0.82
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	4	0.82
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	4	0.82
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	4	0.82
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	4	0.82
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	4	0.82
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	4	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	4	0.82
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	4	0.82
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	4	0.82
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	4	0.82
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	4	0.82
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	4	0.82
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	4	0.82
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	4	0.82
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	4	0.82
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	4	0.82
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	4	0.82
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	9	0.82
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	9	0.82
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	9	0.82
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	9	0.82
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	9	0.82
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	9	0.82
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	9	0.82
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	9	0.82
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	9	0.82
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	9	0.82
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	9	0.82
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	9	0.82
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	9	0.82
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	9	0.82
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	9	0.82
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	9	0.82
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	9	0.82
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	9	0.82
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	9	0.82
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	9	0.82
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	9	0.82
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	9	0.82
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	9	0.82
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	9	0.82
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	9	0.82
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	9	0.82
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	9	0.82
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	20	0.82
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	20	0.82
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	20	0.82
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	20	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	20	0.82
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	20	0.82
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	20	0.82
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	20	0.82
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	20	0.82
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	20	0.82
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	20	0.82
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	20	0.82
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	20	0.82
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	20	0.82
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	20	0.82
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	20	0.82
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	20	0.82
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	20	0.82
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	20	0.82
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	20	0.82
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	20	0.82
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	20	0.82
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	20	0.82
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	20	0.82
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	20	0.82
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	20	0.82
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	20	0.82
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	5	0.81
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	5	0.81
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	5	0.81
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	5	0.81
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	5	0.81
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	5	0.81
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	5	0.81
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	5	0.81
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	5	0.81
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	5	0.81
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	5	0.81
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	5	0.81
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	5	0.81
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	5	0.81
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	5	0.81
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	5	0.81
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	5	0.81
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	5	0.81
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	5	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	5	0.81
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	5	0.81
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	5	0.81
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	5	0.81
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	5	0.81
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	5	0.81
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	5	0.81
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	5	0.81
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	5	0.81
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	5	0.81
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	5	0.81
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	5	0.81
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	5	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	5	0.81
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	5	0.81
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	5	0.81
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	5	0.81
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	5	0.81
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	5	0.81
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	5	0.81
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	5	0.81
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	5	0.81
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	5	0.81
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	5	0.81
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	5	0.81
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	5	0.81
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	5	0.81
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	5	0.81
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	5	0.81
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	7	0.81
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	7	0.81
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	7	0.81
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	7	0.81
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	7	0.81
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	7	0.81
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	7	0.81
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	7	0.81
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	7	0.81
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	5	0.81
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	5	0.81
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	5	0.81
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	5	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	5	0.81
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	5	0.81
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	5	0.81
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	5	0.81
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	5	0.81
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	5	0.81
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	5	0.81
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	5	0.81
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	5	0.81
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	5	0.81
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	5	0.81
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	5	0.81
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	5	0.81
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	5	0.81
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	1	0.8
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	1	0.8
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	1	0.8
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	1	0.8
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	1	0.8
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	1	0.8
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	1	0.8
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	1	0.8
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	1	0.8
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	1	0.8
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	1	0.8
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	1	0.8
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	1	0.8
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	1	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	1	0.8
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	1	0.8
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	1	0.8
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	1	0.8
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	1	0.8
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	1	0.8
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	1	0.8
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	1	0.8
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	1	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	1	0.8
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	1	0.8
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	1	0.8
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	1	0.8
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	1	0.8
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	1	0.8
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	1	0.8
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	1	0.8
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	1	0.8
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	1	0.8
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	1	0.8
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	5	0.8
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	5	0.8
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	5	0.8
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	5	0.8
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	5	0.8
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	5	0.8
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	5	0.8
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	5	0.8
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	5	0.8
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	5	0.8
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	5	0.8
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	5	0.8
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	5	0.8
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	5	0.8
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	5	0.8
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	5	0.8
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	5	0.8
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	5	0.8
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	11	0.8
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	11	0.8
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	11	0.8
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	11	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	11	0.8
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	11	0.8
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	11	0.8
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	11	0.8
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	11	0.8
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	11	0.8
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	11	0.8
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	11	0.8
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	11	0.8
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	11	0.8
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	11	0.8
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	11	0.8
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	11	0.8
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	11	0.8
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	18	0.8
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	18	0.8
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	18	0.8
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	18	0.8
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	18	0.8
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	18	0.8
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	18	0.8
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	18	0.8
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	18	0.8
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	18	0.8
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	18	0.8
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	18	0.8
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	18	0.8
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	18	0.8
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	18	0.8
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	18	0.8
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	18	0.8
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	18	0.8
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	18	0.8
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	18	0.8
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	18	0.8
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	18	0.8
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	18	0.8
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	18	0.8
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	18	0.8
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	18	0.8
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	18	0.8
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	18	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	18	0.8
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	18	0.8
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	18	0.8
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	10	0.8
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	10	0.8
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	10	0.8
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	10	0.8
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	10	0.8
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	10	0.8
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	10	0.8
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	10	0.8
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	10	0.8
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	10	0.8
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	10	0.8
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	10	0.8
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	10	0.8
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	10	0.8
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	10	0.8
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	10	0.8
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	10	0.8
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	10	0.8
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	10	0.8
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	10	0.8
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	10	0.8
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	10	0.8
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	10	0.8
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	10	0.8
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	10	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	10	0.8
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	10	0.8
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	19	0.8
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	19	0.8
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	19	0.8
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	19	0.8
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	19	0.8
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	19	0.8
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	19	0.8
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	19	0.8
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	19	0.8
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	19	0.8
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	19	0.8
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	19	0.8
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	19	0.8
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	19	0.8
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	19	0.8
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	19	0.8
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	19	0.8
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	19	0.8
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	8	0.79
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	8	0.79
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	8	0.79
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	8	0.79
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	8	0.79
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	8	0.79
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	8	0.79
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	8	0.79
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	8	0.79
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	8	0.79
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	8	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	8	0.79
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	8	0.79
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	8	0.79
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	8	0.79
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	8	0.79
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	8	0.79
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	8	0.79
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	8	0.79
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	8	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	8	0.79
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	8	0.79
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	8	0.79
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	8	0.79
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	8	0.79
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	8	0.79
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	8	0.79
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	8	0.79
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	8	0.79
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	8	0.79
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	8	0.79
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	8	0.79
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	8	0.79
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	8	0.79
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	6	0.79
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	6	0.79
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	6	0.79
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	6	0.79
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	6	0.79
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	6	0.79
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	6	0.79
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	6	0.79
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	6	0.79
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	2	0.79
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	2	0.79
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	2	0.79
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	2	0.79
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	2	0.79
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	2	0.79
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	2	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	2	0.79
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	2	0.79
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	2	0.79
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	2	0.79
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	2	0.79
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	2	0.79
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	2	0.79
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	2	0.79
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	2	0.79
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	2	0.79
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	2	0.79
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	11	0.79
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	11	0.79
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	11	0.79
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	11	0.79
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	11	0.79
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	11	0.79
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	11	0.79
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	11	0.79
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	11	0.79
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	11	0.79
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	11	0.79
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	11	0.79
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	11	0.79
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	11	0.79
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	11	0.79
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	11	0.79
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	11	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	11	0.79
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	11	0.79
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	11	0.79
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	11	0.79
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	11	0.79
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	11	0.79
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	11	0.79
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	11	0.79
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	11	0.79
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	11	0.79
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	11	0.79
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	11	0.79
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	11	0.79
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	11	0.79
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	2	0.79
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	2	0.79
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	2	0.79
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	2	0.79
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	2	0.79
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	2	0.79
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	2	0.79
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	2	0.79
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	2	0.79
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	2	0.79
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	2	0.79
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	2	0.79
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	2	0.79
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	2	0.79
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	2	0.79
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	2	0.79
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	2	0.79
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	2	0.79
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	2	0.79
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	2	0.79
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	2	0.79
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	2	0.79
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	2	0.79
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	2	0.79
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	2	0.79
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	2	0.79
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	2	0.79
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	3	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	3	0.79
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	3	0.79
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	3	0.79
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	3	0.79
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	3	0.79
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	3	0.79
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	3	0.79
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	3	0.79
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	3	0.79
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	3	0.79
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	3	0.79
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	3	0.79
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	3	0.79
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	3	0.79
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	3	0.79
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	3	0.79
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	3	0.79
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	3	0.79
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	3	0.79
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	3	0.79
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	3	0.79
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	3	0.79
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	3	0.79
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	3	0.79
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	3	0.79
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	3	0.79
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	3	0.79
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	3	0.79
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	3	0.79
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	3	0.79
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	3	0.79
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	3	0.79
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	3	0.79
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	3	0.79
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	3	0.79
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	8	0.78
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	8	0.78
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	8	0.78
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	8	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	8	0.78
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	8	0.78
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	8	0.78
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	8	0.78
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	8	0.78
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	8	0.78
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	8	0.78
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	8	0.78
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	8	0.78
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	8	0.78
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	8	0.78
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	8	0.78
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	8	0.78
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	8	0.78
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	8	0.78
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	8	0.78
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	8	0.78
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	8	0.78
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	8	0.78
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	8	0.78
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	8	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	8	0.78
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	8	0.78
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	8	0.78
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	8	0.78
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	8	0.78
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	8	0.78
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	8	0.78
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	8	0.78
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	8	0.78
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	13	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	13	0.78
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	13	0.78
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	13	0.78
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	13	0.78
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	13	0.78
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	13	0.78
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	13	0.78
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	13	0.78
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	13	0.78
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	13	0.78
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	13	0.78
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	13	0.78
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	13	0.78
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	13	0.78
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	13	0.78
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	13	0.78
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	13	0.78
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	13	0.78
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	13	0.78
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	13	0.78
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	13	0.78
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	13	0.78
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	13	0.78
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	13	0.78
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	13	0.78
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	13	0.78
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	13	0.78
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	13	0.78
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	13	0.78
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	13	0.78
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	13	0.78
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	13	0.78
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	13	0.78
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	13	0.78
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	13	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	13	0.78
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	13	0.78
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	13	0.78
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	13	0.78
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	13	0.78
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	13	0.78
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	13	0.78
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	13	0.78
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	13	0.78
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	13	0.78
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	13	0.78
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	13	0.78
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	13	0.78
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	13	0.78
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	13	0.78
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	13	0.78
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	13	0.78
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	13	0.78
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	13	0.78
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	13	0.78
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	13	0.78
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	13	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	13	0.78
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	13	0.78
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	13	0.78
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	13	0.78
(1,77)	1:A:21:TRP:HD1	1:A:22:TYR:HA	4	0.78
(1,77)	1:A:21:TRP:HD1	1:B:22:TYR:HA	4	0.78
(1,77)	1:A:21:TRP:HD1	1:C:22:TYR:HA	4	0.78
(1,77)	1:B:21:TRP:HD1	1:A:22:TYR:HA	4	0.78
(1,77)	1:B:21:TRP:HD1	1:B:22:TYR:HA	4	0.78
(1,77)	1:B:21:TRP:HD1	1:C:22:TYR:HA	4	0.78
(1,77)	1:C:21:TRP:HD1	1:A:22:TYR:HA	4	0.78
(1,77)	1:C:21:TRP:HD1	1:B:22:TYR:HA	4	0.78
(1,77)	1:C:21:TRP:HD1	1:C:22:TYR:HA	4	0.78
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	6	0.78
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	6	0.78
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	6	0.78
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	6	0.78
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	6	0.78
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	6	0.78
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	6	0.78
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	6	0.78
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	6	0.78
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	6	0.78
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	6	0.78
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	6	0.78
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	6	0.78
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	6	0.78
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	6	0.78
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	6	0.78
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	6	0.78
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	6	0.78
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	13	0.78
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	13	0.78
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	13	0.78
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	13	0.78
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	13	0.78
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	13	0.78
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	13	0.78
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	13	0.78
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	13	0.78
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	13	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	13	0.78
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	13	0.78
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	13	0.78
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	13	0.78
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	13	0.78
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	13	0.78
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	13	0.78
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	12	0.78
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	12	0.78
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	12	0.78
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	12	0.78
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	12	0.78
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	12	0.78
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	12	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	12	0.78
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	12	0.78
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	12	0.78
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	12	0.78
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	12	0.78
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	12	0.78
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	12	0.78
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	12	0.78
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	12	0.78
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	12	0.78
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	12	0.78
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	13	0.77
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	13	0.77
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	13	0.77
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	13	0.77
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	13	0.77
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	13	0.77
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	13	0.77
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	13	0.77
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	13	0.77
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	13	0.77
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	13	0.77
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	13	0.77
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	13	0.77
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	13	0.77
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	13	0.77
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	13	0.77
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	13	0.77
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	13	0.77
(1,190)	1:A:15:THR:HG21	1:A:16:GLY:H	8	0.77
(1,190)	1:A:15:THR:HG21	1:B:16:GLY:H	8	0.77
(1,190)	1:A:15:THR:HG21	1:C:16:GLY:H	8	0.77
(1,190)	1:A:15:THR:HG22	1:A:16:GLY:H	8	0.77
(1,190)	1:A:15:THR:HG22	1:B:16:GLY:H	8	0.77
(1,190)	1:A:15:THR:HG22	1:C:16:GLY:H	8	0.77
(1,190)	1:A:15:THR:HG23	1:A:16:GLY:H	8	0.77
(1,190)	1:A:15:THR:HG23	1:B:16:GLY:H	8	0.77
(1,190)	1:A:15:THR:HG23	1:C:16:GLY:H	8	0.77
(1,190)	1:B:15:THR:HG21	1:A:16:GLY:H	8	0.77
(1,190)	1:B:15:THR:HG21	1:B:16:GLY:H	8	0.77
(1,190)	1:B:15:THR:HG21	1:C:16:GLY:H	8	0.77
(1,190)	1:B:15:THR:HG22	1:A:16:GLY:H	8	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:B:15:THR:HG22	1:B:16:GLY:H	8	0.77
(1,190)	1:B:15:THR:HG22	1:C:16:GLY:H	8	0.77
(1,190)	1:B:15:THR:HG23	1:A:16:GLY:H	8	0.77
(1,190)	1:B:15:THR:HG23	1:B:16:GLY:H	8	0.77
(1,190)	1:B:15:THR:HG23	1:C:16:GLY:H	8	0.77
(1,190)	1:C:15:THR:HG21	1:A:16:GLY:H	8	0.77
(1,190)	1:C:15:THR:HG21	1:B:16:GLY:H	8	0.77
(1,190)	1:C:15:THR:HG21	1:C:16:GLY:H	8	0.77
(1,190)	1:C:15:THR:HG22	1:A:16:GLY:H	8	0.77
(1,190)	1:C:15:THR:HG22	1:B:16:GLY:H	8	0.77
(1,190)	1:C:15:THR:HG22	1:C:16:GLY:H	8	0.77
(1,190)	1:C:15:THR:HG23	1:A:16:GLY:H	8	0.77
(1,190)	1:C:15:THR:HG23	1:B:16:GLY:H	8	0.77
(1,190)	1:C:15:THR:HG23	1:C:16:GLY:H	8	0.77
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	6	0.77
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	6	0.77
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	6	0.77
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	6	0.77
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	6	0.77
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	6	0.77
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	6	0.77
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	6	0.77
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	6	0.77
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	6	0.77
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	6	0.77
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	6	0.77
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	6	0.77
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	6	0.77
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	6	0.77
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	6	0.77
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	6	0.77
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	6	0.77
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	6	0.77
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	6	0.77
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	6	0.77
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	6	0.77
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	6	0.77
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	6	0.77
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	6	0.77
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	6	0.77
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	6	0.77
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	6	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	6	0.77
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	6	0.77
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	6	0.77
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	6	0.77
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	6	0.77
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	6	0.77
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	6	0.77
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	6	0.77
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	2	0.76
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	2	0.76
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	2	0.76
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	2	0.76
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	2	0.76
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	2	0.76
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	2	0.76
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	2	0.76
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	2	0.76
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	2	0.76
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	2	0.76
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	2	0.76
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	2	0.76
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	2	0.76
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	2	0.76
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	2	0.76
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	2	0.76
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	2	0.76
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	15	0.76
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	15	0.76
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	15	0.76
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	15	0.76
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	15	0.76
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	15	0.76
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	15	0.76
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	15	0.76
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	15	0.76
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	15	0.76
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	15	0.76
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	15	0.76
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	15	0.76
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	15	0.76
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	15	0.76
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	15	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	15	0.76
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	15	0.76
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	3	0.76
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	3	0.76
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	3	0.76
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	3	0.76
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	3	0.76
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	3	0.76
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	3	0.76
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	3	0.76
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	3	0.76
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	3	0.76
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	3	0.76
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	3	0.76
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	3	0.76
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	3	0.76
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	3	0.76
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	3	0.76
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	3	0.76
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	3	0.76
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	12	0.76
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	12	0.76
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	12	0.76
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	12	0.76
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	12	0.76
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	12	0.76
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	12	0.76
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	12	0.76
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	12	0.76
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	12	0.76
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	12	0.76
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	12	0.76
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	12	0.76
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	12	0.76
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	12	0.76
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	12	0.76
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	12	0.76
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	12	0.76
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	15	0.76
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	15	0.76
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	15	0.76
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	15	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	15	0.76
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	15	0.76
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	15	0.76
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	15	0.76
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	15	0.76
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	15	0.76
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	15	0.76
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	15	0.76
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	15	0.76
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	15	0.76
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	15	0.76
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	15	0.76
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	15	0.76
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	15	0.76
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	10	0.76
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	10	0.76
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	10	0.76
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	10	0.76
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	10	0.76
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	10	0.76
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	10	0.76
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	10	0.76
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	10	0.76
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	10	0.76
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	10	0.76
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	10	0.76
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	10	0.76
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	10	0.76
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	10	0.76
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	10	0.76
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	10	0.76
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	10	0.76
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	10	0.76
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	10	0.76
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	10	0.76
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	10	0.76
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	10	0.76
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	10	0.76
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	10	0.76
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	10	0.76
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	10	0.76
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	10	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	10	0.76
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	10	0.76
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	10	0.76
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	14	0.76
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	14	0.76
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	14	0.76
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	14	0.76
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	14	0.76
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	14	0.76
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	14	0.76
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	14	0.76
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	14	0.76
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	14	0.76
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	14	0.76
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	14	0.76
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	14	0.76
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	14	0.76
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	14	0.76
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	14	0.76
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	14	0.76
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	14	0.76
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	14	0.76
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	14	0.76
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	14	0.76
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	14	0.76
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	14	0.76
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	14	0.76
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	14	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	14	0.76
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	14	0.76
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	14	0.76
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	14	0.76
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	14	0.76
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	14	0.76
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	14	0.76
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	14	0.76
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	14	0.76
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	14	0.76
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	14	0.76
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	17	0.76
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	17	0.76
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	17	0.76
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	17	0.76
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	17	0.76
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	17	0.76
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	17	0.76
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	17	0.76
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	17	0.76
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	17	0.76
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	17	0.76
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	17	0.76
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	17	0.76
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	17	0.76
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	17	0.76
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	17	0.76
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	17	0.76
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	17	0.76
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	17	0.76
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	17	0.76
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	17	0.76
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	17	0.76
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	17	0.76
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	17	0.76
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	17	0.76
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	17	0.76
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	17	0.76
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	17	0.76
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	17	0.76
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	17	0.76
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	17	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	17	0.76
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	17	0.76
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	17	0.76
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	17	0.76
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	17	0.76
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	15	0.75
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	15	0.75
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	15	0.75
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	15	0.75
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	15	0.75
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	15	0.75
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	15	0.75
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	15	0.75
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	15	0.75
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	15	0.75
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	15	0.75
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	15	0.75
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	15	0.75
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	15	0.75
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	15	0.75
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	15	0.75
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	15	0.75
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	15	0.75
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	15	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	15	0.75
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	15	0.75
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	15	0.75
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	15	0.75
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	15	0.75
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	15	0.75
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	15	0.75
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	15	0.75
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	15	0.75
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	15	0.75
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	15	0.75
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	15	0.75
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	15	0.75
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	15	0.75
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	15	0.75
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	15	0.75
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	15	0.75
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	15	0.75
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	15	0.75
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	15	0.75
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	15	0.75
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	15	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	15	0.75
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	15	0.75
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	15	0.75
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	15	0.75
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	15	0.75
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	15	0.75
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	15	0.75
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	1	0.75
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	1	0.75
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	1	0.75
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	1	0.75
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	1	0.75
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	1	0.75
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	1	0.75
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	1	0.75
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	1	0.75
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	1	0.75
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	1	0.75
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	1	0.75
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	1	0.75
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	1	0.75
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	1	0.75
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	1	0.75
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	1	0.75
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	1	0.75
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	16	0.75
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	16	0.75
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	16	0.75
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	16	0.75
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	16	0.75
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	16	0.75
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	16	0.75
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	16	0.75
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	16	0.75
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	16	0.75
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	16	0.75
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	16	0.75
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	16	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	16	0.75
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	16	0.75
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	16	0.75
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	16	0.75
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	11	0.75
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	11	0.75
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	11	0.75
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	11	0.75
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	11	0.75
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	11	0.75
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	11	0.75
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	11	0.75
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	11	0.75
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	11	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	11	0.75
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	11	0.75
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	11	0.75
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	11	0.75
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	11	0.75
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	11	0.75
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	11	0.75
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	11	0.75
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	11	0.75
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	11	0.75
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	11	0.75
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	11	0.75
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	11	0.75
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	11	0.75
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	11	0.75
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	11	0.75
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	11	0.75
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	11	0.75
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	11	0.75
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	11	0.75
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	11	0.75
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	11	0.75
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	11	0.75
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	11	0.75
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	11	0.75
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	11	0.75
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	9	0.74
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	9	0.74
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	9	0.74
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	9	0.74
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	9	0.74
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	9	0.74
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	9	0.74
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	9	0.74
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	9	0.74
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	9	0.74
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	9	0.74
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	9	0.74
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	9	0.74
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	9	0.74
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	9	0.74
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	9	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	9	0.74
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	9	0.74
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	9	0.74
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	9	0.74
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	9	0.74
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	9	0.74
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	9	0.74
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	9	0.74
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	9	0.74
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	9	0.74
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	9	0.74
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	9	0.74
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	9	0.74
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	9	0.74
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	9	0.74
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	7	0.74
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	7	0.74
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	7	0.74
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	7	0.74
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	7	0.74
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	7	0.74
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	7	0.74
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	7	0.74
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	7	0.74
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	7	0.74
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	7	0.74
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	7	0.74
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	7	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	7	0.74
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	7	0.74
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	7	0.74
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	7	0.74
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	10	0.73
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	10	0.73
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	10	0.73
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	10	0.73
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	10	0.73
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	10	0.73
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	10	0.73
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	10	0.73
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	10	0.73
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	10	0.73
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	10	0.73
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	10	0.73
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	10	0.73
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	10	0.73
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	10	0.73
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	10	0.73
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	10	0.73
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	10	0.73
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	10	0.73
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	10	0.73
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	10	0.73
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	10	0.73
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	10	0.73
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	10	0.73
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	10	0.73
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	10	0.73
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	10	0.73
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	10	0.73
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	10	0.73
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	10	0.73
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	10	0.73
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	10	0.73
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	2	0.73
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	2	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	2	0.73
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	2	0.73
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	2	0.73
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	2	0.73
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	2	0.73
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	2	0.73
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	2	0.73
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	2	0.73
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	2	0.73
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	2	0.73
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	2	0.73
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	2	0.73
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	2	0.73
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	2	0.73
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	2	0.73
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	2	0.73
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	2	0.73
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	2	0.73
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	2	0.73
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	2	0.73
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	2	0.73
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	2	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	2	0.73
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	2	0.73
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	2	0.73
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	2	0.73
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	2	0.73
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	2	0.73
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	2	0.73
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	2	0.73
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	2	0.73
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	2	0.73
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	2	0.73
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	2	0.73
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	2	0.73
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	2	0.73
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	2	0.73
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	2	0.73
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	2	0.73
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	2	0.73
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	2	0.73
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	2	0.73
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	2	0.73
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	2	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	2	0.73
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	2	0.73
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	12	0.73
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	12	0.73
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	12	0.73
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	12	0.73
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	12	0.73
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	12	0.73
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	12	0.73
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	12	0.73
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	12	0.73
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	12	0.73
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	12	0.73
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	12	0.73
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	12	0.73
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	12	0.73
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	12	0.73
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	12	0.73
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	12	0.73
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	12	0.73
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	12	0.73
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	12	0.73
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	12	0.73
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	12	0.73
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	12	0.73
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	12	0.73
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	12	0.73
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	12	0.73
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	12	0.73
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	12	0.73
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	12	0.73
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	12	0.73
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	12	0.73
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	12	0.73
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	12	0.73
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	12	0.73
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	12	0.73
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	12	0.73
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	12	0.73
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	12	0.73
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	12	0.73
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	12	0.73
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	12	0.73
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	12	0.73
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	12	0.73
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	12	0.73
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	12	0.73
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	12	0.73
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	17	0.73
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	17	0.73
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	17	0.73
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	17	0.73
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	17	0.73
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	17	0.73
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	17	0.73
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	17	0.73
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	17	0.73
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	17	0.73
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	17	0.73
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	17	0.73
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	17	0.73
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	17	0.73
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	17	0.73
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	17	0.73
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	17	0.73
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	17	0.73
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	19	0.73
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	19	0.73
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	19	0.73
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	19	0.73
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	19	0.73
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	19	0.73
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	19	0.73
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	19	0.73
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	19	0.73
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	19	0.73
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	19	0.73
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	19	0.73
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	19	0.73
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	19	0.73
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	19	0.73
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	19	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	19	0.73
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	19	0.73
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	10	0.73
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	10	0.73
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	10	0.73
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	10	0.73
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	10	0.73
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	10	0.73
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	10	0.73
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	10	0.73
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	10	0.73
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	10	0.73
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	10	0.73
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	10	0.73
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	10	0.73
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	10	0.73
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	10	0.73
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	10	0.73
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	10	0.73
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	10	0.73
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	10	0.73
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	10	0.73
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	10	0.73
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	10	0.73
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	10	0.73
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	10	0.73
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	10	0.73
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	10	0.73
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	10	0.73
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	10	0.73
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	10	0.73
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	10	0.73
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	3	0.73
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	3	0.73
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	3	0.73
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	3	0.73
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	3	0.73
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	3	0.73
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	3	0.73
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	3	0.73
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	3	0.73
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	3	0.73
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	3	0.73
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	3	0.73
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	3	0.73
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	3	0.73
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	3	0.73
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	3	0.73
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	3	0.73
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	3	0.73
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	9	0.73
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	9	0.73
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	9	0.73
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	9	0.73
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	9	0.73
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	9	0.73
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	9	0.73
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	9	0.73
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	9	0.73
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	9	0.73
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	9	0.73
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	9	0.73
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	9	0.73
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	9	0.73
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	9	0.73
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	9	0.73
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	9	0.73
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	9	0.73
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	3	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	3	0.73
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	3	0.73
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	3	0.73
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	3	0.73
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	3	0.73
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	3	0.73
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	3	0.73
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	3	0.73
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	3	0.73
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	3	0.73
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	3	0.73
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	3	0.73
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	3	0.73
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	3	0.73
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	3	0.73
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	3	0.73
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	3	0.73
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	5	0.73
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	5	0.73
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	5	0.73
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	5	0.73
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	5	0.73
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	5	0.73
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	5	0.73
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	5	0.73
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	5	0.73
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	5	0.73
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	5	0.73
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	5	0.73
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	5	0.73
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	5	0.73
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	5	0.73
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	5	0.73
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	5	0.73
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	5	0.73
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	5	0.73
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	5	0.73
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	5	0.73
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	5	0.73
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	5	0.73
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	5	0.73
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	5	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	5	0.73
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	5	0.73
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	5	0.73
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	5	0.73
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	5	0.73
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	5	0.73
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	5	0.73
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	5	0.73
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	5	0.73
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	5	0.73
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	5	0.73
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	6	0.72
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	6	0.72
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	6	0.72
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	6	0.72
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	6	0.72
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	6	0.72
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	6	0.72
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	6	0.72
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	6	0.72
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	6	0.72
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	6	0.72
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	6	0.72
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	6	0.72
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	6	0.72
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	6	0.72
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	6	0.72
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	6	0.72
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	6	0.72
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	16	0.72
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	16	0.72
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	16	0.72
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	16	0.72
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	16	0.72
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	16	0.72
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	16	0.72
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	16	0.72
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	16	0.72
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	16	0.72
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	16	0.72
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	16	0.72
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	16	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	16	0.72
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	16	0.72
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	16	0.72
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	16	0.72
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	16	0.72
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	7	0.72
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	7	0.72
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	7	0.72
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	7	0.72
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	7	0.72
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	7	0.72
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	7	0.72
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	7	0.72
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	7	0.72
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	7	0.72
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	7	0.72
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	7	0.72
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	7	0.72
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	7	0.72
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	7	0.72
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	7	0.72
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	7	0.72
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	7	0.72
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	16	0.72
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	16	0.72
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	16	0.72
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	16	0.72
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	16	0.72
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	16	0.72
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	16	0.72
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	16	0.72
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	16	0.72
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	16	0.72
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	16	0.72
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	16	0.72
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	16	0.72
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	16	0.72
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	16	0.72
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	16	0.72
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	16	0.72
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	16	0.72
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	16	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	16	0.72
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	16	0.72
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	16	0.72
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	16	0.72
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	16	0.72
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	16	0.72
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	16	0.72
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	16	0.72
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	16	0.72
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	16	0.72
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	16	0.72
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	16	0.72
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	16	0.72
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	16	0.72
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	16	0.72
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	16	0.72
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	16	0.72
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	20	0.72
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	20	0.72
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	20	0.72
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	20	0.72
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	20	0.72
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	20	0.72
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	20	0.72
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	20	0.72
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	20	0.72
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	20	0.72
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	20	0.72
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	20	0.72
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	20	0.72
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	20	0.72
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	20	0.72
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	20	0.72
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	20	0.72
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	20	0.72
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	20	0.72
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	20	0.72
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	20	0.72
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	20	0.72
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	20	0.72
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	20	0.72
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	20	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	20	0.72
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	20	0.72
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	20	0.72
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	20	0.72
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	20	0.72
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	20	0.72
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	20	0.72
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	20	0.72
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	20	0.72
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	20	0.72
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	20	0.72
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	14	0.71
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	14	0.71
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	14	0.71
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	14	0.71
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	14	0.71
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	14	0.71
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	14	0.71
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	14	0.71
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	14	0.71
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	14	0.71
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	14	0.71
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	14	0.71
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	14	0.71
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	14	0.71
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	14	0.71
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	14	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	14	0.71
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	14	0.71
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	14	0.71
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	14	0.71
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	14	0.71
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	14	0.71
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	14	0.71
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	14	0.71
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	14	0.71
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	14	0.71
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	14	0.71
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	14	0.71
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	14	0.71
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	14	0.71
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	14	0.71
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	14	0.71
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	14	0.71
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	14	0.71
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	14	0.71
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	14	0.71
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	14	0.71
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	14	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	14	0.71
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	14	0.71
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	14	0.71
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	14	0.71
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	14	0.71
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	14	0.71
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	14	0.71
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	14	0.71
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	14	0.71
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	14	0.71
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	9	0.71
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	9	0.71
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	9	0.71
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	9	0.71
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	9	0.71
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	9	0.71
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	9	0.71
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	9	0.71
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	9	0.71
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	9	0.71
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	9	0.71
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	9	0.71
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	9	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	9	0.71
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	9	0.71
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	9	0.71
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	9	0.71
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	9	0.71
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	9	0.71
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	9	0.71
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	9	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	9	0.71
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	9	0.71
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	9	0.71
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	9	0.71
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	9	0.71
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	9	0.71
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	9	0.71
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	9	0.71
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	9	0.71
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	9	0.71
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	9	0.71
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	9	0.71
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	9	0.71
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	16	0.71
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	16	0.71
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	16	0.71
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	16	0.71
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	16	0.71
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	16	0.71
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	16	0.71
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	16	0.71
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	16	0.71
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	16	0.71
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	16	0.71
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	16	0.71
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	16	0.71
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	16	0.71
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	16	0.71
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	16	0.71
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	16	0.71
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	16	0.71
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	16	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	16	0.71
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	16	0.71
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	16	0.71
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	16	0.71
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	16	0.71
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	16	0.71
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	16	0.71
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	16	0.71
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	16	0.71
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	16	0.71
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	16	0.71
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	16	0.71
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	16	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	16	0.71
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	16	0.71
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	16	0.71
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	16	0.71
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	16	0.71
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	16	0.71
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	16	0.71
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	16	0.71
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	16	0.71
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	16	0.71
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	16	0.71
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	16	0.71
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	16	0.71
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	16	0.71
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	16	0.71
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	16	0.71
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	3	0.71
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	3	0.71
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	3	0.71
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	3	0.71
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	3	0.71
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	3	0.71
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	3	0.71
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	3	0.71
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	3	0.71
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	3	0.71
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	3	0.71
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	3	0.71
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	3	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	3	0.71
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	3	0.71
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	3	0.71
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	3	0.71
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	3	0.71
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	9	0.71
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	9	0.71
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	9	0.71
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	9	0.71
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	9	0.71
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	9	0.71
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	9	0.71
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	9	0.71
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	9	0.71
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	9	0.71
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	9	0.71
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	9	0.71
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	9	0.71
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	9	0.71
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	9	0.71
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	9	0.71
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	9	0.71
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	9	0.71
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	9	0.71
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	9	0.71
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	9	0.71
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	9	0.71
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	9	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	9	0.71
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	9	0.71
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	9	0.71
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	9	0.71
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	9	0.71
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	9	0.71
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	9	0.71
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	9	0.71
(1,92)	1:A:14:TRP:HD1	1:A:15:THR:HB	20	0.7
(1,92)	1:A:14:TRP:HD1	1:B:15:THR:HB	20	0.7
(1,92)	1:A:14:TRP:HD1	1:C:15:THR:HB	20	0.7
(1,92)	1:B:14:TRP:HD1	1:A:15:THR:HB	20	0.7
(1,92)	1:B:14:TRP:HD1	1:B:15:THR:HB	20	0.7
(1,92)	1:B:14:TRP:HD1	1:C:15:THR:HB	20	0.7
(1,92)	1:C:14:TRP:HD1	1:A:15:THR:HB	20	0.7
(1,92)	1:C:14:TRP:HD1	1:B:15:THR:HB	20	0.7
(1,92)	1:C:14:TRP:HD1	1:C:15:THR:HB	20	0.7
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	3	0.7
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	3	0.7
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	3	0.7
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	3	0.7
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	3	0.7
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	3	0.7
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	3	0.7
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	3	0.7
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	3	0.7
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	3	0.7
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	3	0.7
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	3	0.7
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	3	0.7
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	3	0.7
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	3	0.7
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	3	0.7
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	3	0.7
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	3	0.7
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	3	0.7
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	3	0.7
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	3	0.7
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	3	0.7
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	3	0.7
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	3	0.7
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	3	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	3	0.7
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	3	0.7
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	3	0.7
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	3	0.7
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	3	0.7
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	3	0.7
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	3	0.7
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	3	0.7
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	3	0.7
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	3	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	3	0.7
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	3	0.7
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	3	0.7
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	3	0.7
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	3	0.7
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	3	0.7
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	3	0.7
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	3	0.7
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	3	0.7
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	3	0.7
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	3	0.7
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	3	0.7
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	3	0.7
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	4	0.7
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	4	0.7
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	4	0.7
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	4	0.7
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	4	0.7
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	4	0.7
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	4	0.7
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	4	0.7
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	4	0.7
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	4	0.7
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	4	0.7
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	4	0.7
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	4	0.7
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	4	0.7
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	4	0.7
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	4	0.7
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	4	0.7
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	4	0.7
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	4	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	4	0.7
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	4	0.7
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	4	0.7
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	4	0.7
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	4	0.7
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	4	0.7
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	4	0.7
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	4	0.7
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	4	0.7
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	4	0.7
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	4	0.7
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	4	0.7
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	4	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	4	0.7
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	4	0.7
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	4	0.7
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	4	0.7
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	4	0.7
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	4	0.7
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	4	0.7
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	4	0.7
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	4	0.7
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	4	0.7
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	4	0.7
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	4	0.7
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	4	0.7
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	4	0.7
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	4	0.7
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	4	0.7
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	5	0.7
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	5	0.7
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	5	0.7
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	5	0.7
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	5	0.7
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	5	0.7
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	5	0.7
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	5	0.7
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	5	0.7
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	5	0.7
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	5	0.7
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	5	0.7
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	5	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	5	0.7
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	5	0.7
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	5	0.7
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	5	0.7
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	5	0.7
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	11	0.7
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	11	0.7
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	11	0.7
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	11	0.7
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	11	0.7
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	11	0.7
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	11	0.7
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	11	0.7
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	11	0.7
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	11	0.7
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	11	0.7
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	11	0.7
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	11	0.7
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	11	0.7
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	11	0.7
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	11	0.7
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	11	0.7
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	11	0.7
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	13	0.7
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	13	0.7
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	13	0.7
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	13	0.7
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	13	0.7
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	13	0.7
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	13	0.7
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	13	0.7
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	13	0.7
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	13	0.7
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	13	0.7
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	13	0.7
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	13	0.7
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	13	0.7
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	13	0.7
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	13	0.7
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	13	0.7
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	13	0.7
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	20	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	20	0.7
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	20	0.7
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	20	0.7
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	20	0.7
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	20	0.7
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	20	0.7
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	20	0.7
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	20	0.7
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	20	0.7
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	20	0.7
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	20	0.7
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	20	0.7
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	20	0.7
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	20	0.7
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	20	0.7
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	20	0.7
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	20	0.7
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	10	0.7
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	10	0.7
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	10	0.7
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	10	0.7
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	10	0.7
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	10	0.7
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	10	0.7
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	10	0.7
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	10	0.7
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	10	0.7
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	10	0.7
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	10	0.7
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	10	0.7
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	10	0.7
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	10	0.7
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	10	0.7
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	10	0.7
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	10	0.7
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	19	0.69
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	19	0.69
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	19	0.69
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	19	0.69
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	19	0.69
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	19	0.69
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	19	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	19	0.69
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	19	0.69
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	19	0.69
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	19	0.69
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	19	0.69
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	19	0.69
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	19	0.69
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	19	0.69
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	19	0.69
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	19	0.69
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	19	0.69
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	19	0.69
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	19	0.69
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	19	0.69
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	19	0.69
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	19	0.69
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	19	0.69
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	19	0.69
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	19	0.69
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	19	0.69
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	19	0.69
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	19	0.69
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	19	0.69
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	19	0.69
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	19	0.69
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	19	0.69
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	19	0.69
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	19	0.69
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	19	0.69
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	19	0.69
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	19	0.69
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	19	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	19	0.69
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	19	0.69
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	19	0.69
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	19	0.69
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	19	0.69
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	19	0.69
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	19	0.69
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	19	0.69
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	19	0.69
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	1	0.69
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	1	0.69
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	1	0.69
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	1	0.69
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	1	0.69
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	1	0.69
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	1	0.69
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	1	0.69
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	1	0.69
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	1	0.69
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	1	0.69
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	1	0.69
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	1	0.69
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	1	0.69
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	1	0.69
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	1	0.69
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	1	0.69
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	4	0.69
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	4	0.69
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	4	0.69
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	4	0.69
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	4	0.69
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	4	0.69
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	4	0.69
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	4	0.69
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	4	0.69
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	4	0.69
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	4	0.69
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	4	0.69
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	4	0.69
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	4	0.69
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	4	0.69
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	4	0.69
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	4	0.69
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	4	0.69
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	7	0.69
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	7	0.69
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	7	0.69
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	7	0.69
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	7	0.69
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	7	0.69
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	7	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	7	0.69
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	7	0.69
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	7	0.69
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	7	0.69
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	7	0.69
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	7	0.69
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	7	0.69
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	7	0.69
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	7	0.69
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	7	0.69
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	7	0.69
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	8	0.69
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	8	0.69
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	8	0.69
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	8	0.69
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	8	0.69
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	8	0.69
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	8	0.69
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	8	0.69
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	8	0.69
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	8	0.69
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	8	0.69
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	8	0.69
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	8	0.69
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	8	0.69
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	8	0.69
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	8	0.69
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	8	0.69
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	8	0.69
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	9	0.69
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	9	0.69
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	9	0.69
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	9	0.69
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	9	0.69
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	9	0.69
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	9	0.69
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	9	0.69
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	9	0.69
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	9	0.69
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	9	0.69
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	9	0.69
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	9	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	9	0.69
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	9	0.69
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	9	0.69
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	9	0.69
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	9	0.69
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	12	0.69
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	12	0.69
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	12	0.69
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	12	0.69
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	12	0.69
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	12	0.69
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	12	0.69
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	12	0.69
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	12	0.69
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	12	0.69
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	12	0.69
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	12	0.69
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	12	0.69
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	12	0.69
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	12	0.69
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	12	0.69
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	12	0.69
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	12	0.69
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	18	0.69
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	18	0.69
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	18	0.69
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	18	0.69
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	18	0.69
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	18	0.69
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	18	0.69
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	18	0.69
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	18	0.69
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	18	0.69
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	18	0.69
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	18	0.69
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	18	0.69
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	18	0.69
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	18	0.69
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	18	0.69
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	18	0.69
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	18	0.69
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	16	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	16	0.69
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	16	0.69
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	16	0.69
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	16	0.69
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	16	0.69
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	16	0.69
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	16	0.69
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	16	0.69
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	16	0.69
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	16	0.69
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	16	0.69
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	16	0.69
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	16	0.69
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	16	0.69
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	16	0.69
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	16	0.69
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	16	0.69
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	3	0.69
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	3	0.69
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	3	0.69
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	3	0.69
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	3	0.69
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	3	0.69
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	3	0.69
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	3	0.69
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	3	0.69
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	3	0.69
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	3	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	3	0.69
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	3	0.69
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	3	0.69
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	3	0.69
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	3	0.69
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	3	0.69
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	4	0.69
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	4	0.69
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	4	0.69
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	4	0.69
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	4	0.69
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	4	0.69
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	4	0.69
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	4	0.69
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	4	0.69
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	4	0.69
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	4	0.69
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	4	0.69
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	4	0.69
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	4	0.69
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	4	0.69
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	4	0.69
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	4	0.69
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	4	0.69
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	4	0.69
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	4	0.69
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	4	0.69
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	4	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	4	0.69
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	4	0.69
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	4	0.69
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	4	0.69
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	4	0.69
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	4	0.69
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	4	0.69
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	4	0.69
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	4	0.69
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	15	0.69
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	15	0.69
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	15	0.69
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	15	0.69
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	15	0.69
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	15	0.69
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	15	0.69
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	15	0.69
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	15	0.69
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	15	0.69
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	15	0.69
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	15	0.69
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	15	0.69
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	15	0.69
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	15	0.69
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	15	0.69
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	15	0.69
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	15	0.69
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	15	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	15	0.69
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	15	0.69
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	15	0.69
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	15	0.69
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	15	0.69
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	15	0.69
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	15	0.69
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	15	0.69
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	15	0.69
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	15	0.69
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	15	0.69
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	15	0.69
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB2	20	0.69
(1,301)	1:A:17:MET:HB2	1:A:9:PHE:HB3	20	0.69
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB2	20	0.69
(1,301)	1:A:17:MET:HB2	1:B:9:PHE:HB3	20	0.69
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB2	20	0.69
(1,301)	1:A:17:MET:HB2	1:C:9:PHE:HB3	20	0.69
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB2	20	0.69
(1,301)	1:A:17:MET:HB3	1:A:9:PHE:HB3	20	0.69
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB2	20	0.69
(1,301)	1:A:17:MET:HB3	1:B:9:PHE:HB3	20	0.69
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB2	20	0.69
(1,301)	1:A:17:MET:HB3	1:C:9:PHE:HB3	20	0.69
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB2	20	0.69
(1,301)	1:B:17:MET:HB2	1:A:9:PHE:HB3	20	0.69
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB2	20	0.69
(1,301)	1:B:17:MET:HB2	1:B:9:PHE:HB3	20	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB2	20	0.69
(1,301)	1:B:17:MET:HB2	1:C:9:PHE:HB3	20	0.69
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB2	20	0.69
(1,301)	1:B:17:MET:HB3	1:A:9:PHE:HB3	20	0.69
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB2	20	0.69
(1,301)	1:B:17:MET:HB3	1:B:9:PHE:HB3	20	0.69
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB2	20	0.69
(1,301)	1:B:17:MET:HB3	1:C:9:PHE:HB3	20	0.69
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB2	20	0.69
(1,301)	1:C:17:MET:HB2	1:A:9:PHE:HB3	20	0.69
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB2	20	0.69
(1,301)	1:C:17:MET:HB2	1:B:9:PHE:HB3	20	0.69
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB2	20	0.69
(1,301)	1:C:17:MET:HB2	1:C:9:PHE:HB3	20	0.69
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB2	20	0.69
(1,301)	1:C:17:MET:HB3	1:A:9:PHE:HB3	20	0.69
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB2	20	0.69
(1,301)	1:C:17:MET:HB3	1:B:9:PHE:HB3	20	0.69
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB2	20	0.69
(1,301)	1:C:17:MET:HB3	1:C:9:PHE:HB3	20	0.69
(1,92)	1:A:14:TRP:HD1	1:A:15:THR:HB	3	0.68
(1,92)	1:A:14:TRP:HD1	1:B:15:THR:HB	3	0.68
(1,92)	1:A:14:TRP:HD1	1:C:15:THR:HB	3	0.68
(1,92)	1:B:14:TRP:HD1	1:A:15:THR:HB	3	0.68
(1,92)	1:B:14:TRP:HD1	1:B:15:THR:HB	3	0.68
(1,92)	1:B:14:TRP:HD1	1:C:15:THR:HB	3	0.68
(1,92)	1:C:14:TRP:HD1	1:A:15:THR:HB	3	0.68
(1,92)	1:C:14:TRP:HD1	1:B:15:THR:HB	3	0.68
(1,92)	1:C:14:TRP:HD1	1:C:15:THR:HB	3	0.68
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	7	0.68
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	7	0.68
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	7	0.68
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	7	0.68
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	7	0.68
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	7	0.68
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	7	0.68
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	7	0.68
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	7	0.68
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	7	0.68
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	7	0.68
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	7	0.68
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	7	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	7	0.68
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	7	0.68
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	7	0.68
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	7	0.68
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	7	0.68
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	7	0.68
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	7	0.68
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	7	0.68
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	7	0.68
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	7	0.68
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	7	0.68
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	7	0.68
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	7	0.68
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	7	0.68
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	7	0.68
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	7	0.68
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	7	0.68
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	7	0.68
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	7	0.68
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	7	0.68
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	7	0.68
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	7	0.68
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	7	0.68
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	7	0.68
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	7	0.68
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	7	0.68
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	7	0.68
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	7	0.68
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	7	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	7	0.68
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	7	0.68
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	7	0.68
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	7	0.68
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	7	0.68
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	7	0.68
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	6	0.68
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	6	0.68
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	6	0.68
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	6	0.68
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	6	0.68
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	6	0.68
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	6	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	6	0.68
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	6	0.68
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	6	0.68
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	6	0.68
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	6	0.68
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	6	0.68
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	6	0.68
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	6	0.68
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	6	0.68
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	6	0.68
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	6	0.68
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	6	0.68
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	6	0.68
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	6	0.68
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	6	0.68
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	6	0.68
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	6	0.68
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	6	0.68
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	6	0.68
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	6	0.68
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	6	0.68
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	6	0.68
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	6	0.68
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	6	0.68
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	6	0.68
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	6	0.68
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	6	0.68
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	6	0.68
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	6	0.68
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	6	0.68
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	6	0.68
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	6	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	6	0.68
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	6	0.68
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	6	0.68
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	6	0.68
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	6	0.68
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	6	0.68
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	6	0.68
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	6	0.68
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	6	0.68
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	10	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	10	0.68
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	10	0.68
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	10	0.68
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	10	0.68
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	10	0.68
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	10	0.68
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	10	0.68
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	10	0.68
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	10	0.68
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	10	0.68
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	10	0.68
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	10	0.68
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	10	0.68
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	10	0.68
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	10	0.68
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	10	0.68
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	10	0.68
(1,92)	1:A:14:TRP:HD1	1:A:15:THR:HB	8	0.67
(1,92)	1:A:14:TRP:HD1	1:B:15:THR:HB	8	0.67
(1,92)	1:A:14:TRP:HD1	1:C:15:THR:HB	8	0.67
(1,92)	1:B:14:TRP:HD1	1:A:15:THR:HB	8	0.67
(1,92)	1:B:14:TRP:HD1	1:B:15:THR:HB	8	0.67
(1,92)	1:B:14:TRP:HD1	1:C:15:THR:HB	8	0.67
(1,92)	1:C:14:TRP:HD1	1:A:15:THR:HB	8	0.67
(1,92)	1:C:14:TRP:HD1	1:B:15:THR:HB	8	0.67
(1,92)	1:C:14:TRP:HD1	1:C:15:THR:HB	8	0.67
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	9	0.67
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	9	0.67
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	9	0.67
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	9	0.67
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	9	0.67
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	9	0.67
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	9	0.67
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	9	0.67
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	9	0.67
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	9	0.67
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	9	0.67
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	9	0.67
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	9	0.67
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	9	0.67
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	9	0.67
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	9	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	9	0.67
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	9	0.67
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	9	0.67
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	9	0.67
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	9	0.67
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	9	0.67
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	9	0.67
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	9	0.67
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	9	0.67
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	9	0.67
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	9	0.67
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	9	0.67
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	9	0.67
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	9	0.67
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	9	0.67
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	7	0.67
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	7	0.67
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	7	0.67
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	7	0.67
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	7	0.67
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	7	0.67
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	7	0.67
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	7	0.67
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	7	0.67
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	7	0.67
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	7	0.67
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	7	0.67
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	7	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	7	0.67
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	7	0.67
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	7	0.67
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	7	0.67
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	7	0.67
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	7	0.67
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	7	0.67
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	7	0.67
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	7	0.67
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	7	0.67
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	7	0.67
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	7	0.67
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	7	0.67
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	7	0.67
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	7	0.67
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	7	0.67
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	7	0.67
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	7	0.67
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	7	0.67
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	7	0.67
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	7	0.67
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	7	0.67
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	7	0.67
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	7	0.67
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	7	0.67
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	7	0.67
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	7	0.67
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	7	0.67
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	7	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	7	0.67
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	7	0.67
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	7	0.67
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	7	0.67
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	7	0.67
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	7	0.67
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	14	0.67
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	14	0.67
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	14	0.67
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	14	0.67
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	14	0.67
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	14	0.67
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	14	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	14	0.67
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	14	0.67
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	14	0.67
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	14	0.67
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	14	0.67
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	14	0.67
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	14	0.67
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	14	0.67
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	14	0.67
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	14	0.67
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	14	0.67
(1,80)	1:A:22:TYR:HE1	1:A:22:TYR:HA	19	0.67
(1,80)	1:A:22:TYR:HE1	1:B:22:TYR:HA	19	0.67
(1,80)	1:A:22:TYR:HE1	1:C:22:TYR:HA	19	0.67
(1,80)	1:A:22:TYR:HE2	1:A:22:TYR:HA	19	0.67
(1,80)	1:A:22:TYR:HE2	1:B:22:TYR:HA	19	0.67
(1,80)	1:A:22:TYR:HE2	1:C:22:TYR:HA	19	0.67
(1,80)	1:B:22:TYR:HE1	1:A:22:TYR:HA	19	0.67
(1,80)	1:B:22:TYR:HE1	1:B:22:TYR:HA	19	0.67
(1,80)	1:B:22:TYR:HE1	1:C:22:TYR:HA	19	0.67
(1,80)	1:B:22:TYR:HE2	1:A:22:TYR:HA	19	0.67
(1,80)	1:B:22:TYR:HE2	1:B:22:TYR:HA	19	0.67
(1,80)	1:B:22:TYR:HE2	1:C:22:TYR:HA	19	0.67
(1,80)	1:C:22:TYR:HE1	1:A:22:TYR:HA	19	0.67
(1,80)	1:C:22:TYR:HE1	1:B:22:TYR:HA	19	0.67
(1,80)	1:C:22:TYR:HE1	1:C:22:TYR:HA	19	0.67
(1,80)	1:C:22:TYR:HE2	1:A:22:TYR:HA	19	0.67
(1,80)	1:C:22:TYR:HE2	1:B:22:TYR:HA	19	0.67
(1,80)	1:C:22:TYR:HE2	1:C:22:TYR:HA	19	0.67
(1,296)	1:A:17:MET:HB2	1:A:9:PHE:HA	10	0.67
(1,296)	1:A:17:MET:HB2	1:B:9:PHE:HA	10	0.67
(1,296)	1:A:17:MET:HB2	1:C:9:PHE:HA	10	0.67
(1,296)	1:A:17:MET:HB3	1:A:9:PHE:HA	10	0.67
(1,296)	1:A:17:MET:HB3	1:B:9:PHE:HA	10	0.67
(1,296)	1:A:17:MET:HB3	1:C:9:PHE:HA	10	0.67
(1,296)	1:B:17:MET:HB2	1:A:9:PHE:HA	10	0.67
(1,296)	1:B:17:MET:HB2	1:B:9:PHE:HA	10	0.67
(1,296)	1:B:17:MET:HB2	1:C:9:PHE:HA	10	0.67
(1,296)	1:B:17:MET:HB3	1:A:9:PHE:HA	10	0.67
(1,296)	1:B:17:MET:HB3	1:B:9:PHE:HA	10	0.67
(1,296)	1:B:17:MET:HB3	1:C:9:PHE:HA	10	0.67
(1,296)	1:C:17:MET:HB2	1:A:9:PHE:HA	10	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,296)	1:C:17:MET:HB2	1:B:9:PHE:HA	10	0.67
(1,296)	1:C:17:MET:HB2	1:C:9:PHE:HA	10	0.67
(1,296)	1:C:17:MET:HB3	1:A:9:PHE:HA	10	0.67
(1,296)	1:C:17:MET:HB3	1:B:9:PHE:HA	10	0.67
(1,296)	1:C:17:MET:HB3	1:C:9:PHE:HA	10	0.67
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	11	0.67
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	11	0.67
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	11	0.67
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	11	0.67
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	11	0.67
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	11	0.67
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	11	0.67
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	11	0.67
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	11	0.67
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	11	0.67
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	11	0.67
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	11	0.67
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	11	0.67
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	11	0.67
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	11	0.67
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	11	0.67
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	11	0.67
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	11	0.67
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	11	0.67
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	11	0.67
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	11	0.67
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	11	0.67
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	11	0.67
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	11	0.67
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	11	0.67
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	11	0.67
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	11	0.67
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	9	0.67
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	9	0.67
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	9	0.67
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	9	0.67
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	9	0.67
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	9	0.67
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	9	0.67
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	9	0.67
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	9	0.67
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	9	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	9	0.67
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	9	0.67
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	9	0.67
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	9	0.67
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	9	0.67
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	9	0.67
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	9	0.67
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	9	0.67
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	2	0.67
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	2	0.67
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	2	0.67
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	2	0.67
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	2	0.67
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	2	0.67
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	2	0.67
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	2	0.67
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	2	0.67
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	2	0.67
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	2	0.67
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	2	0.67
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	2	0.67
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	2	0.67
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	2	0.67
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	2	0.67
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	2	0.67
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	2	0.67
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	2	0.67
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	2	0.67
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	2	0.67
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	2	0.67
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	2	0.67
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	2	0.67
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	2	0.67
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	2	0.67
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	2	0.67
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	2	0.67
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	2	0.67
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	2	0.67
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	2	0.67
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	2	0.67
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	2	0.67
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	2	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	2	0.67
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	2	0.67
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	8	0.66
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	8	0.66
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	8	0.66
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	8	0.66
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	8	0.66
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	8	0.66
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	8	0.66
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	8	0.66
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	8	0.66
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	8	0.66
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	8	0.66
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	8	0.66
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	8	0.66
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	8	0.66
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	8	0.66
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	8	0.66
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	8	0.66
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	8	0.66
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	8	0.66
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	8	0.66
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	8	0.66
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	8	0.66
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	8	0.66
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	8	0.66
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	8	0.66
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	8	0.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	8	0.66
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	8	0.66
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	8	0.66
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	8	0.66
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	8	0.66
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	10	0.66
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	10	0.66
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	10	0.66
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	10	0.66
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	10	0.66
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	10	0.66
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	10	0.66
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	10	0.66
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	10	0.66
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	10	0.66
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	10	0.66
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	10	0.66
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	10	0.66
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	10	0.66
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	10	0.66
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	10	0.66
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	10	0.66
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	10	0.66
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	10	0.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	10	0.66
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	10	0.66
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	10	0.66
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	10	0.66
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	10	0.66
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	10	0.66
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	10	0.66
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	10	0.66
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	10	0.66
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	10	0.66
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	10	0.66
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	10	0.66
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	10	0.66
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	10	0.66
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	10	0.66
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	10	0.66
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	10	0.66
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	10	0.66
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	10	0.66
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	10	0.66
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	10	0.66
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	10	0.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	10	0.66
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	10	0.66
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	10	0.66
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	10	0.66
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	10	0.66
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	10	0.66
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	10	0.66
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	1	0.66
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	1	0.66
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	1	0.66
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	1	0.66
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	1	0.66
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	1	0.66
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	1	0.66
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	1	0.66
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	1	0.66
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	1	0.66
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	1	0.66
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	1	0.66
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	1	0.66
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	1	0.66
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	1	0.66
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	1	0.66
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	1	0.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	1	0.66
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	1	0.66
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	1	0.66
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	1	0.66
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	1	0.66
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	1	0.66
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	1	0.66
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	1	0.66
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	1	0.66
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	1	0.66
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	1	0.66
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	1	0.66
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	1	0.66
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	1	0.66
(1,92)	1:A:14:TRP:HD1	1:A:15:THR:HB	15	0.65
(1,92)	1:A:14:TRP:HD1	1:B:15:THR:HB	15	0.65
(1,92)	1:A:14:TRP:HD1	1:C:15:THR:HB	15	0.65
(1,92)	1:B:14:TRP:HD1	1:A:15:THR:HB	15	0.65
(1,92)	1:B:14:TRP:HD1	1:B:15:THR:HB	15	0.65
(1,92)	1:B:14:TRP:HD1	1:C:15:THR:HB	15	0.65
(1,92)	1:C:14:TRP:HD1	1:A:15:THR:HB	15	0.65
(1,92)	1:C:14:TRP:HD1	1:B:15:THR:HB	15	0.65
(1,92)	1:C:14:TRP:HD1	1:C:15:THR:HB	15	0.65
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	16	0.65
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	16	0.65
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	16	0.65
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	16	0.65
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	16	0.65
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	16	0.65
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	16	0.65
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	16	0.65
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	16	0.65
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	16	0.65
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	16	0.65
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	16	0.65
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	16	0.65
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	16	0.65
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	16	0.65
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	16	0.65
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	16	0.65
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	16	0.65
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	16	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	16	0.65
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	16	0.65
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	16	0.65
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	16	0.65
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	16	0.65
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	16	0.65
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	16	0.65
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	16	0.65
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	16	0.65
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	16	0.65
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	16	0.65
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	16	0.65
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	16	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	16	0.65
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	16	0.65
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	16	0.65
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	16	0.65
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	16	0.65
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	16	0.65
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	16	0.65
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	16	0.65
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	16	0.65
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	16	0.65
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	16	0.65
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	16	0.65
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	16	0.65
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	16	0.65
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	16	0.65
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	16	0.65
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	14	0.65
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	14	0.65
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	14	0.65
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	14	0.65
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	14	0.65
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	14	0.65
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	14	0.65
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	14	0.65
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	14	0.65
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	14	0.65
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	14	0.65
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	14	0.65
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	14	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	14	0.65
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	14	0.65
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	14	0.65
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	14	0.65
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	14	0.65
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	14	0.65
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	14	0.65
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	14	0.65
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	14	0.65
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	14	0.65
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	14	0.65
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	14	0.65
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	14	0.65
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	14	0.65
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	14	0.65
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	14	0.65
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	14	0.65
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	14	0.65
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	14	0.65
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	14	0.65
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	14	0.65
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	14	0.65
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	14	0.65
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	14	0.65
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	14	0.65
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	14	0.65
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	14	0.65
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	14	0.65
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	14	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	14	0.65
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	14	0.65
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	14	0.65
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	14	0.65
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	14	0.65
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	14	0.65
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	5	0.65
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	5	0.65
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	5	0.65
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	5	0.65
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	5	0.65
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	5	0.65
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	5	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	5	0.65
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	5	0.65
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	5	0.65
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	5	0.65
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	5	0.65
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	5	0.65
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	5	0.65
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	5	0.65
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	5	0.65
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	5	0.65
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	2	0.65
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	2	0.65
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	2	0.65
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	2	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	2	0.65
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	2	0.65
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	2	0.65
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	2	0.65
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	2	0.65
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	2	0.65
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	2	0.65
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	2	0.65
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	2	0.65
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	2	0.65
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	2	0.65
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	2	0.65
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	2	0.65
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	20	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	20	0.65
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	20	0.65
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	20	0.65
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	20	0.65
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	20	0.65
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	20	0.65
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	20	0.65
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	20	0.65
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	20	0.65
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	20	0.65
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	20	0.65
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	20	0.65
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	20	0.65
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	20	0.65
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	20	0.65
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	20	0.65
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	20	0.65
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	9	0.64
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	9	0.64
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	9	0.64
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	9	0.64
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	9	0.64
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	9	0.64
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	9	0.64
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	9	0.64
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	9	0.64
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	9	0.64
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	9	0.64
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	9	0.64
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	9	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	9	0.64
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	9	0.64
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	9	0.64
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	9	0.64
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	9	0.64
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	9	0.64
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	9	0.64
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	9	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	9	0.64
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	9	0.64
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	9	0.64
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	9	0.64
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	9	0.64
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	9	0.64
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	9	0.64
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	9	0.64
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	9	0.64
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	9	0.64
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	9	0.64
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	9	0.64
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	9	0.64
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	18	0.64
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	18	0.64
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	18	0.64
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	18	0.64
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	18	0.64
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	18	0.64
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	18	0.64
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	18	0.64
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	18	0.64
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	18	0.64
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	18	0.64
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	18	0.64
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	18	0.64
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	18	0.64
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	18	0.64
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	18	0.64
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	18	0.64
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	18	0.64
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	18	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	18	0.64
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	18	0.64
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	18	0.64
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	18	0.64
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	18	0.64
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	18	0.64
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	18	0.64
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	18	0.64
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	18	0.64
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	18	0.64
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	18	0.64
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	18	0.64
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	18	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	18	0.64
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	18	0.64
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	18	0.64
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	18	0.64
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	18	0.64
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	18	0.64
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	18	0.64
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	18	0.64
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	18	0.64
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	18	0.64
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	18	0.64
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	18	0.64
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	18	0.64
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	18	0.64
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	18	0.64
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	18	0.64
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	12	0.64
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	12	0.64
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	12	0.64
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	12	0.64
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	12	0.64
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	12	0.64
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	12	0.64
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	12	0.64
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	12	0.64
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	12	0.64
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	12	0.64
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	12	0.64
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	12	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	12	0.64
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	12	0.64
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	12	0.64
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	12	0.64
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	15	0.64
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	15	0.64
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	15	0.64
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	15	0.64
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	15	0.64
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	15	0.64
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	15	0.64
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	15	0.64
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	15	0.64
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	15	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	15	0.64
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	15	0.64
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	15	0.64
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	15	0.64
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	15	0.64
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	15	0.64
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	15	0.64
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	15	0.64
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	15	0.64
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	15	0.64
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	15	0.64
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	15	0.64
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	15	0.64
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	15	0.64
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	15	0.64
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	15	0.64
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	15	0.64
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	12	0.64
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	12	0.64
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	12	0.64
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	12	0.64
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	12	0.64
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	12	0.64
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	12	0.64
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	12	0.64
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	12	0.64
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	12	0.64
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	12	0.64
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	12	0.64
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	12	0.64
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	12	0.64
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	12	0.64
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	12	0.64
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	12	0.64
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	12	0.64
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	12	0.64
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	12	0.64
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	12	0.64
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	12	0.64
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	12	0.64
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	12	0.64
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	12	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	12	0.64
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	12	0.64
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	15	0.64
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	15	0.64
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	15	0.64
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	15	0.64
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	15	0.64
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	15	0.64
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	15	0.64
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	15	0.64
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	15	0.64
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	15	0.64
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	15	0.64
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	15	0.64
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	15	0.64
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	15	0.64
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	15	0.64
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	15	0.64
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	15	0.64
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	15	0.64
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	15	0.64
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	15	0.64
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	15	0.64
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	15	0.64
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	15	0.64
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	15	0.64
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	15	0.64
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	15	0.64
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	15	0.64
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	14	0.64
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	14	0.64
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	14	0.64
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	14	0.64
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	14	0.64
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	14	0.64
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	14	0.64
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	14	0.64
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	14	0.64
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	14	0.64
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	14	0.64
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	14	0.64
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	14	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	14	0.64
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	14	0.64
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	14	0.64
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	14	0.64
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	14	0.64
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	14	0.64
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	14	0.64
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	14	0.64
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	14	0.64
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	14	0.64
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	14	0.64
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	14	0.64
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	14	0.64
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	14	0.64
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	1	0.63
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	1	0.63
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	1	0.63
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	1	0.63
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	1	0.63
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	1	0.63
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	1	0.63
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	1	0.63
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	1	0.63
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	1	0.63
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	1	0.63
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	1	0.63
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	1	0.63
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	1	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	1	0.63
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	1	0.63
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	1	0.63
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	1	0.63
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	1	0.63
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	1	0.63
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	1	0.63
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	1	0.63
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	1	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	1	0.63
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	1	0.63
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	1	0.63
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	1	0.63
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	1	0.63
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	1	0.63
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	1	0.63
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	1	0.63
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	1	0.63
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	1	0.63
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	1	0.63
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	5	0.63
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	5	0.63
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	5	0.63
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	5	0.63
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	5	0.63
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	5	0.63
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	5	0.63
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	5	0.63
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	5	0.63
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	5	0.63
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	5	0.63
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	5	0.63
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	5	0.63
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	5	0.63
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	5	0.63
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	5	0.63
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	5	0.63
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	5	0.63
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	5	0.63
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	5	0.63
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	5	0.63
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	5	0.63
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	5	0.63
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	5	0.63
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	5	0.63
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	5	0.63
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	5	0.63
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	5	0.63
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	5	0.63
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	5	0.63
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	5	0.63
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	5	0.63
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	11	0.63
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	11	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	11	0.63
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	11	0.63
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	11	0.63
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	11	0.63
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	11	0.63
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	11	0.63
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	11	0.63
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	11	0.63
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	11	0.63
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	11	0.63
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	11	0.63
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	11	0.63
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	11	0.63
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	11	0.63
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	11	0.63
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	15	0.63
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	15	0.63
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	15	0.63
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	15	0.63
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	15	0.63
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	15	0.63
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	15	0.63
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	15	0.63
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	15	0.63
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	15	0.63
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	15	0.63
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	15	0.63
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	15	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	15	0.63
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	15	0.63
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	15	0.63
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	15	0.63
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	14	0.63
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	14	0.63
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	14	0.63
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	14	0.63
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	14	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	14	0.63
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	14	0.63
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	14	0.63
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	14	0.63
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	14	0.63
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	14	0.63
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	14	0.63
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	14	0.63
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	14	0.63
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	14	0.63
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	14	0.63
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	14	0.63
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	14	0.63
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	14	0.63
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	14	0.63
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	14	0.63
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	14	0.63
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	14	0.63
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	14	0.63
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	14	0.63
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	14	0.63
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	14	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	14	0.63
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	14	0.63
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	14	0.63
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	14	0.63
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	14	0.63
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	14	0.63
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	14	0.63
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	8	0.63
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	8	0.63
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	8	0.63
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	8	0.63
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	8	0.63
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	8	0.63
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	8	0.63
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	8	0.63
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	8	0.63
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	8	0.63
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	8	0.63
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	8	0.63
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	8	0.63
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	8	0.63
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	8	0.63
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	8	0.63
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	8	0.63
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	13	0.63
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	13	0.63
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	13	0.63
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	13	0.63
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	13	0.63
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	13	0.63
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	13	0.63
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	13	0.63
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	13	0.63
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	13	0.63
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	13	0.63
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	13	0.63
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	13	0.63
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	13	0.63
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	13	0.63
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	13	0.63
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	13	0.63
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	13	0.63
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	13	0.63
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	13	0.63
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	13	0.63
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	13	0.63
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	13	0.63
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	13	0.63
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	13	0.63
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	13	0.63
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	13	0.63
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	13	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	13	0.63
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	13	0.63
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	13	0.63
(1,92)	1:A:14:TRP:HD1	1:A:15:THR:HB	11	0.62
(1,92)	1:A:14:TRP:HD1	1:B:15:THR:HB	11	0.62
(1,92)	1:A:14:TRP:HD1	1:C:15:THR:HB	11	0.62
(1,92)	1:B:14:TRP:HD1	1:A:15:THR:HB	11	0.62
(1,92)	1:B:14:TRP:HD1	1:B:15:THR:HB	11	0.62
(1,92)	1:B:14:TRP:HD1	1:C:15:THR:HB	11	0.62
(1,92)	1:C:14:TRP:HD1	1:A:15:THR:HB	11	0.62
(1,92)	1:C:14:TRP:HD1	1:B:15:THR:HB	11	0.62
(1,92)	1:C:14:TRP:HD1	1:C:15:THR:HB	11	0.62
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	18	0.62
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	18	0.62
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	18	0.62
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	18	0.62
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	18	0.62
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	18	0.62
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	18	0.62
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	18	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	18	0.62
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	18	0.62
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	18	0.62
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	18	0.62
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	18	0.62
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	18	0.62
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	18	0.62
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	18	0.62
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	18	0.62
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	18	0.62
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	18	0.62
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	18	0.62
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	18	0.62
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	18	0.62
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	18	0.62
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	18	0.62
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	18	0.62
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	18	0.62
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	18	0.62
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	18	0.62
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	18	0.62
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	18	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	18	0.62
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	18	0.62
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	18	0.62
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	18	0.62
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	11	0.62
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	11	0.62
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	11	0.62
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	11	0.62
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	11	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	11	0.62
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	11	0.62
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	11	0.62
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	11	0.62
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	11	0.62
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	11	0.62
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	11	0.62
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	11	0.62
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	11	0.62
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	11	0.62
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	11	0.62
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	11	0.62
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	11	0.62
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	11	0.62
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	11	0.62
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	11	0.62
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	11	0.62
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	11	0.62
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	11	0.62
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	11	0.62
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	11	0.62
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	11	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	11	0.62
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	11	0.62
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	11	0.62
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	11	0.62
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	11	0.62
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	11	0.62
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	11	0.62
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	14	0.62
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	14	0.62
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	14	0.62
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	14	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	14	0.62
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	14	0.62
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	14	0.62
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	14	0.62
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	14	0.62
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	14	0.62
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	14	0.62
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	14	0.62
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	14	0.62
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	14	0.62
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	14	0.62
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	14	0.62
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	14	0.62
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	13	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	13	0.62
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	13	0.62
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	13	0.62
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	13	0.62
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	13	0.62
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	13	0.62
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	13	0.62
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	13	0.62
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	13	0.62
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	13	0.62
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	13	0.62
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	13	0.62
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	13	0.62
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	13	0.62
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	13	0.62
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	13	0.62
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	13	0.62
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	13	0.62
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	13	0.62
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	13	0.62
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	13	0.62
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	13	0.62
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	13	0.62
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	13	0.62
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	13	0.62
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	13	0.62
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	13	0.62
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	13	0.62
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	13	0.62
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	13	0.62
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	13	0.62
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	13	0.62
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	13	0.62
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	13	0.62
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	13	0.62
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	13	0.62
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	13	0.62
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	13	0.62
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	13	0.62
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	13	0.62
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	13	0.62
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	13	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	13	0.62
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	13	0.62
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	13	0.62
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	13	0.62
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	13	0.62
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	13	0.62
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	13	0.62
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	13	0.62
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	13	0.62
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	13	0.62
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	13	0.62
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	13	0.62
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	13	0.62
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	13	0.62
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	13	0.62
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	13	0.62
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	13	0.62
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	13	0.62
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	13	0.62
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	13	0.62
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	13	0.62
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	13	0.62
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	13	0.62
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	13	0.62
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	13	0.62
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	13	0.62
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	13	0.62
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	13	0.62
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	13	0.62
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	13	0.62
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	13	0.62
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	13	0.62
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	13	0.62
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	13	0.62
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	13	0.62
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	13	0.62
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	13	0.62
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	13	0.62
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	19	0.62
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	19	0.62
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	19	0.62
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	19	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	19	0.62
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	19	0.62
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	19	0.62
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	19	0.62
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	19	0.62
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	19	0.62
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	19	0.62
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	19	0.62
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	19	0.62
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	19	0.62
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	19	0.62
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	19	0.62
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	19	0.62
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	19	0.62
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	19	0.62
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	19	0.62
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	19	0.62
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	19	0.62
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	19	0.62
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	19	0.62
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	19	0.62
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	19	0.62
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	19	0.62
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	20	0.62
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	20	0.62
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	20	0.62
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	20	0.62
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	20	0.62
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	20	0.62
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	20	0.62
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	20	0.62
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	20	0.62
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	20	0.62
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	20	0.62
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	20	0.62
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	20	0.62
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	20	0.62
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	20	0.62
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	20	0.62
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	20	0.62
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	20	0.62
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	20	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	20	0.62
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	20	0.62
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	20	0.62
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	20	0.62
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	20	0.62
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	20	0.62
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	20	0.62
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	20	0.62
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	4	0.61
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	4	0.61
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	4	0.61
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	4	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	4	0.61
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	4	0.61
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	4	0.61
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	4	0.61
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	4	0.61
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	4	0.61
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	4	0.61
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	4	0.61
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	4	0.61
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	4	0.61
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	4	0.61
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	4	0.61
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	4	0.61
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	4	0.61
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	4	0.61
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	4	0.61
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	4	0.61
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	4	0.61
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	4	0.61
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	4	0.61
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	4	0.61
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	4	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	4	0.61
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	4	0.61
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	4	0.61
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	4	0.61
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	4	0.61
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	4	0.61
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	4	0.61
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	4	0.61
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	20	0.61
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	20	0.61
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	20	0.61
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	20	0.61
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	20	0.61
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	20	0.61
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	20	0.61
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	20	0.61
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	20	0.61
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	20	0.61
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	20	0.61
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	20	0.61
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	20	0.61
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	20	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	20	0.61
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	20	0.61
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	20	0.61
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	20	0.61
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	20	0.61
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	20	0.61
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	20	0.61
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	20	0.61
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	20	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	20	0.61
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	20	0.61
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	20	0.61
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	20	0.61
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	20	0.61
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	20	0.61
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	20	0.61
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	20	0.61
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	20	0.61
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	20	0.61
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	20	0.61
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	3	0.61
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	3	0.61
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	3	0.61
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	3	0.61
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	3	0.61
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	3	0.61
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	3	0.61
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	3	0.61
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	3	0.61
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	3	0.61
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	3	0.61
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	3	0.61
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	3	0.61
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	3	0.61
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	3	0.61
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	3	0.61
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	3	0.61
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	3	0.61
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	3	0.61
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	3	0.61
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	3	0.61
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	3	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	3	0.61
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	3	0.61
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	3	0.61
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	3	0.61
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	3	0.61
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	3	0.61
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	3	0.61
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	3	0.61
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	3	0.61
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	20	0.61
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	20	0.61
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	20	0.61
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	20	0.61
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	20	0.61
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	20	0.61
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	20	0.61
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	20	0.61
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	20	0.61
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	20	0.61
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	20	0.61
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	20	0.61
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	20	0.61
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	20	0.61
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	20	0.61
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	20	0.61
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	20	0.61
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	20	0.61
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	20	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	20	0.61
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	20	0.61
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	20	0.61
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	20	0.61
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	20	0.61
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	20	0.61
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	20	0.61
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	20	0.61
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	20	0.61
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	20	0.61
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	20	0.61
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	20	0.61
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	20	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	20	0.61
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	20	0.61
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	20	0.61
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	20	0.61
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	20	0.61
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	20	0.61
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	20	0.61
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	20	0.61
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	20	0.61
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	20	0.61
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	20	0.61
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	20	0.61
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	20	0.61
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	20	0.61
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	20	0.61
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	20	0.61
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	10	0.61
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	10	0.61
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	10	0.61
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	10	0.61
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	10	0.61
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	10	0.61
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	10	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	10	0.61
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	10	0.61
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	10	0.61
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	10	0.61
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	10	0.61
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	10	0.61
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	10	0.61
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	10	0.61
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	10	0.61
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	10	0.61
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	10	0.61
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	10	0.61
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	10	0.61
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	10	0.61
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	10	0.61
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	10	0.61
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	10	0.61
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	10	0.61
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	10	0.61
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	10	0.61
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	10	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	10	0.61
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	10	0.61
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	10	0.61
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	10	0.61
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	10	0.61
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	10	0.61
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	12	0.61
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	12	0.61
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	12	0.61
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	12	0.61
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	12	0.61
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	12	0.61
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	12	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	12	0.61
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	12	0.61
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	12	0.61
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	12	0.61
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	12	0.61
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	12	0.61
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	12	0.61
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	12	0.61
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	12	0.61
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	12	0.61
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	12	0.61
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	12	0.61
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	12	0.61
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	12	0.61
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	12	0.61
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	12	0.61
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	12	0.61
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	12	0.61
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	12	0.61
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	12	0.61
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	12	0.61
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	12	0.61
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	12	0.61
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	12	0.61
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	12	0.61
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	12	0.61
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	12	0.61
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	12	0.61
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	12	0.61
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	12	0.61
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	12	0.61
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	12	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	12	0.61
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	12	0.61
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	12	0.61
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	12	0.61
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	12	0.61
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	12	0.61
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	12	0.61
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	12	0.61
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	12	0.61
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	10	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	10	0.61
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	10	0.61
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	10	0.61
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	10	0.61
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	10	0.61
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	10	0.61
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	10	0.61
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	10	0.61
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	10	0.61
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	10	0.61
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	10	0.61
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	10	0.61
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	10	0.61
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	10	0.61
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	10	0.61
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	10	0.61
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	10	0.61
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	1	0.61
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	1	0.61
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	1	0.61
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	1	0.61
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	1	0.61
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	1	0.61
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	1	0.61
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	1	0.61
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	1	0.61
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	1	0.61
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	1	0.61
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	1	0.61
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	1	0.61
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	1	0.61
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	1	0.61
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	1	0.61
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	1	0.61
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	1	0.61
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	1	0.61
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	1	0.61
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	1	0.61
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	1	0.61
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	1	0.61
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	1	0.61
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	1	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	1	0.61
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	1	0.61
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	1	0.61
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	1	0.61
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	1	0.61
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	1	0.61
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	8	0.61
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	8	0.61
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	8	0.61
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	8	0.61
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	8	0.61
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	8	0.61
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	8	0.61
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	8	0.61
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	8	0.61
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	8	0.61
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	8	0.61
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	8	0.61
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	8	0.61
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	8	0.61
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	8	0.61
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	8	0.61
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	8	0.61
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	8	0.61
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	8	0.61
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	8	0.61
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	8	0.61
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	8	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	8	0.61
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	8	0.61
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	8	0.61
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	8	0.61
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	8	0.61
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	7	0.61
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	7	0.61
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	7	0.61
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	7	0.61
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	7	0.61
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	7	0.61
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	7	0.61
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	7	0.61
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	7	0.61
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	7	0.61
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	7	0.61
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	7	0.61
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	7	0.61
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	7	0.61
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	7	0.61
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	7	0.61
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	7	0.61
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	7	0.61
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB2	15	0.61
(1,100)	1:A:22:TYR:HE1	1:A:21:TRP:HB3	15	0.61
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB2	15	0.61
(1,100)	1:A:22:TYR:HE1	1:B:21:TRP:HB3	15	0.61
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB2	15	0.61
(1,100)	1:A:22:TYR:HE1	1:C:21:TRP:HB3	15	0.61
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB2	15	0.61
(1,100)	1:A:22:TYR:HE2	1:A:21:TRP:HB3	15	0.61
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB2	15	0.61
(1,100)	1:A:22:TYR:HE2	1:B:21:TRP:HB3	15	0.61
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB2	15	0.61
(1,100)	1:A:22:TYR:HE2	1:C:21:TRP:HB3	15	0.61
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB2	15	0.61
(1,100)	1:B:22:TYR:HE1	1:A:21:TRP:HB3	15	0.61
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB2	15	0.61
(1,100)	1:B:22:TYR:HE1	1:B:21:TRP:HB3	15	0.61
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB2	15	0.61
(1,100)	1:B:22:TYR:HE1	1:C:21:TRP:HB3	15	0.61
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB2	15	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:B:22:TYR:HE2	1:A:21:TRP:HB3	15	0.61
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB2	15	0.61
(1,100)	1:B:22:TYR:HE2	1:B:21:TRP:HB3	15	0.61
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB2	15	0.61
(1,100)	1:B:22:TYR:HE2	1:C:21:TRP:HB3	15	0.61
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB2	15	0.61
(1,100)	1:C:22:TYR:HE1	1:A:21:TRP:HB3	15	0.61
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB2	15	0.61
(1,100)	1:C:22:TYR:HE1	1:B:21:TRP:HB3	15	0.61
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB2	15	0.61
(1,100)	1:C:22:TYR:HE1	1:C:21:TRP:HB3	15	0.61
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB2	15	0.61
(1,100)	1:C:22:TYR:HE2	1:A:21:TRP:HB3	15	0.61
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB2	15	0.61
(1,100)	1:C:22:TYR:HE2	1:B:21:TRP:HB3	15	0.61
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB2	15	0.61
(1,100)	1:C:22:TYR:HE2	1:C:21:TRP:HB3	15	0.61
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	9	0.6
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	9	0.6
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	9	0.6
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	9	0.6
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	9	0.6
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	9	0.6
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	9	0.6
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	9	0.6
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	9	0.6
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	9	0.6
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	9	0.6
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	9	0.6
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	9	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	9	0.6
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	9	0.6
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	9	0.6
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	9	0.6
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	9	0.6
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	9	0.6
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	9	0.6
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	9	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	9	0.6
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	9	0.6
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	9	0.6
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	9	0.6
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	9	0.6
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	9	0.6
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	9	0.6
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	9	0.6
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	9	0.6
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	9	0.6
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	9	0.6
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	9	0.6
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	9	0.6
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	11	0.6
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	11	0.6
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	11	0.6
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	11	0.6
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	11	0.6
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	11	0.6
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	11	0.6
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	11	0.6
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	11	0.6
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	11	0.6
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	11	0.6
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	11	0.6
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	11	0.6
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	11	0.6
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	11	0.6
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	11	0.6
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	11	0.6
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	11	0.6
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	11	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	11	0.6
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	11	0.6
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	11	0.6
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	11	0.6
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	11	0.6
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	11	0.6
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	11	0.6
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	11	0.6
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	11	0.6
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	11	0.6
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	11	0.6
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	11	0.6
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	11	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	11	0.6
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	11	0.6
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	11	0.6
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	11	0.6
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	11	0.6
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	11	0.6
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	11	0.6
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	11	0.6
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	11	0.6
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	11	0.6
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	11	0.6
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	11	0.6
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	11	0.6
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	11	0.6
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	11	0.6
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	11	0.6
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	17	0.6
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	17	0.6
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	17	0.6
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	17	0.6
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	17	0.6
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	17	0.6
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	17	0.6
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	17	0.6
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	17	0.6
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	2	0.6
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	2	0.6
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	2	0.6
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	2	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	2	0.6
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	2	0.6
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	2	0.6
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	2	0.6
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	2	0.6
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	2	0.6
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	2	0.6
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	2	0.6
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	2	0.6
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	2	0.6
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	2	0.6
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	2	0.6
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	2	0.6
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	2	0.6
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	18	0.6
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	18	0.6
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	18	0.6
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	18	0.6
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	18	0.6
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	18	0.6
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	18	0.6
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	18	0.6
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	18	0.6
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	18	0.6
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	18	0.6
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	18	0.6
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	18	0.6
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	18	0.6
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	18	0.6
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	18	0.6
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	18	0.6
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	18	0.6
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	18	0.6
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	18	0.6
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	18	0.6
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	18	0.6
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	18	0.6
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	18	0.6
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	18	0.6
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	18	0.6
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	18	0.6
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	18	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	18	0.6
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	18	0.6
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	18	0.6
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	9	0.6
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	9	0.6
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	9	0.6
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	9	0.6
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	9	0.6
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	9	0.6
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	9	0.6
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	9	0.6
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	9	0.6
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	9	0.6
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	9	0.6
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	9	0.6
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	9	0.6
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	9	0.6
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	9	0.6
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	9	0.6
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	9	0.6
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	9	0.6
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	9	0.6
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	9	0.6
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	9	0.6
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	9	0.6
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	9	0.6
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	9	0.6
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	9	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	9	0.6
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	9	0.6
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	6	0.6
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	6	0.6
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	6	0.6
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	6	0.6
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	6	0.6
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	6	0.6
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	6	0.6
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	6	0.6
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	6	0.6
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	6	0.6
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	6	0.6
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	6	0.6
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	6	0.6
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	6	0.6
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	6	0.6
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	6	0.6
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	6	0.6
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	6	0.6
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	6	0.6
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	6	0.6
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	6	0.6
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	6	0.6
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	6	0.6
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	6	0.6
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	6	0.6
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	6	0.6
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	6	0.6
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	6	0.6
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	6	0.6
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	6	0.6
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	6	0.6
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	6	0.6
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	6	0.6
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	6	0.6
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	6	0.6
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	6	0.6
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	6	0.6
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	6	0.6
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	6	0.6
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	6	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	6	0.6
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	6	0.6
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	6	0.6
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	6	0.6
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	6	0.6
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	6	0.6
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	6	0.6
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	6	0.6
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	6	0.6
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	6	0.6
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	6	0.6
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	6	0.6
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	6	0.6
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	6	0.6
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	6	0.6
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	6	0.6
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	6	0.6
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	6	0.6
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	6	0.6
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	6	0.6
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	6	0.6
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	6	0.6
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	6	0.6
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	9	0.6
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	9	0.6
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	9	0.6
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	9	0.6
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	9	0.6
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	9	0.6
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	9	0.6
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	9	0.6
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	9	0.6
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	9	0.6
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	9	0.6
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	9	0.6
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	9	0.6
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	9	0.6
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	9	0.6
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	9	0.6
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	9	0.6
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	9	0.6
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	9	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	9	0.6
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	9	0.6
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	9	0.6
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	9	0.6
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	9	0.6
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	9	0.6
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	9	0.6
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	9	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	1	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	1	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	1	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	1	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	1	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	1	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	1	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	1	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	1	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	2	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	2	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	2	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	2	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	2	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	2	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	2	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	2	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	2	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	3	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	3	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	3	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	3	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	3	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	3	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	3	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	3	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	3	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	5	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	5	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	5	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	5	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	5	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	5	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	5	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	5	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	5	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	6	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	6	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	6	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	6	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	6	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	6	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	6	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	6	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	6	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	7	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	7	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	7	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	7	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	7	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	7	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	7	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	7	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	7	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	8	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	8	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	8	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	8	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	8	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	8	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	8	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	8	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	8	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	9	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	9	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	9	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	9	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	9	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	9	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	9	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	9	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	9	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	10	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	10	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	10	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	10	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	10	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	10	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	10	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	10	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	10	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	12	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	12	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	12	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	12	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	12	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	12	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	12	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	12	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	12	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	13	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	13	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	13	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	13	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	13	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	13	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	13	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	13	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	13	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	14	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	14	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	14	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	14	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	14	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	14	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	14	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	14	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	14	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	15	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	15	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	15	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	15	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	15	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	15	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	15	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	15	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	15	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	16	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	16	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	16	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	16	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	16	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	16	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	16	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	16	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	16	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	18	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	18	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	18	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	18	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	18	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	18	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	18	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	18	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	18	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	19	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	19	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	19	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	19	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	19	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	19	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	19	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	19	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	19	0.6
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	20	0.6
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	20	0.6
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	20	0.6
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	20	0.6
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	20	0.6
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	20	0.6
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	20	0.6
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	20	0.6
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	20	0.6
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	6	0.59
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	6	0.59
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	6	0.59
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	6	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	6	0.59
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	6	0.59
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	6	0.59
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	6	0.59
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	6	0.59
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	6	0.59
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	6	0.59
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	6	0.59
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	6	0.59
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	6	0.59
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	6	0.59
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	6	0.59
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	6	0.59
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	6	0.59
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	6	0.59
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	6	0.59
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	6	0.59
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	6	0.59
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	6	0.59
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	6	0.59
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	6	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	6	0.59
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	6	0.59
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	6	0.59
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	6	0.59
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	6	0.59
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	6	0.59
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	6	0.59
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	6	0.59
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	6	0.59
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	17	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	17	0.59
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	17	0.59
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	17	0.59
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	17	0.59
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	17	0.59
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	17	0.59
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	17	0.59
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	17	0.59
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	17	0.59
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	17	0.59
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	17	0.59
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	17	0.59
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	17	0.59
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	17	0.59
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	17	0.59
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	17	0.59
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	17	0.59
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	17	0.59
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	17	0.59
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	17	0.59
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	17	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	17	0.59
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	17	0.59
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	17	0.59
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	17	0.59
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	17	0.59
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	17	0.59
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	17	0.59
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	17	0.59
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	17	0.59
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	17	0.59
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	17	0.59
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	17	0.59
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	17	0.59
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	17	0.59
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	17	0.59
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	17	0.59
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	17	0.59
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	17	0.59
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	17	0.59
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	17	0.59
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	17	0.59
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	17	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	17	0.59
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	17	0.59
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	17	0.59
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	17	0.59
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	19	0.59
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	19	0.59
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	19	0.59
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	19	0.59
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	19	0.59
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	19	0.59
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	19	0.59
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	19	0.59
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	19	0.59
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	19	0.59
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	19	0.59
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	19	0.59
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	19	0.59
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	19	0.59
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	19	0.59
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	19	0.59
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	19	0.59
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	19	0.59
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	19	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	19	0.59
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	19	0.59
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	19	0.59
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	19	0.59
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	19	0.59
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	19	0.59
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	19	0.59
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	19	0.59
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	19	0.59
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	19	0.59
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	19	0.59
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	19	0.59
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	19	0.59
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	19	0.59
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	19	0.59
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	19	0.59
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	19	0.59
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	19	0.59
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	19	0.59
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	19	0.59
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	19	0.59
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	19	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	19	0.59
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	19	0.59
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	19	0.59
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	19	0.59
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	19	0.59
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	19	0.59
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	19	0.59
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	18	0.59
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	18	0.59
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	18	0.59
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	18	0.59
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	18	0.59
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	18	0.59
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	18	0.59
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	18	0.59
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	18	0.59
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	18	0.59
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	18	0.59
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	18	0.59
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	18	0.59
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	18	0.59
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	18	0.59
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	18	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	18	0.59
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	18	0.59
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	18	0.59
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	18	0.59
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	18	0.59
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	18	0.59
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	18	0.59
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	18	0.59
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	18	0.59
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	18	0.59
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	18	0.59
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	18	0.59
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	18	0.59
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	18	0.59
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	18	0.59
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	18	0.59
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	18	0.59
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	18	0.59
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	18	0.59
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	18	0.59
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	18	0.59
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	18	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	18	0.59
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	18	0.59
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	18	0.59
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	18	0.59
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	18	0.59
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	18	0.59
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	18	0.59
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	18	0.59
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	18	0.59
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	18	0.59
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	4	0.59
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	4	0.59
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	4	0.59
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	4	0.59
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	4	0.59
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	4	0.59
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	4	0.59
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	4	0.59
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	4	0.59
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	4	0.59
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	4	0.59
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	4	0.59
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	4	0.59
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	4	0.59
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	4	0.59
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	4	0.59
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	4	0.59
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	4	0.59
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	4	0.59
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	4	0.59
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	4	0.59
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	4	0.59
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	4	0.59
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	4	0.59
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	4	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	4	0.59
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	4	0.59
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	4	0.59
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	4	0.59
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	4	0.59
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	4	0.59
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	4	0.59
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	4	0.59
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	4	0.59
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	4	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	4	0.59
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	4	0.59
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	4	0.59
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	4	0.59
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	4	0.59
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	4	0.59
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	4	0.59
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	4	0.59
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	4	0.59
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	4	0.59
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	4	0.59
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	4	0.59
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	4	0.59
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	5	0.59
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	5	0.59
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	5	0.59
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	5	0.59
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	5	0.59
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	5	0.59
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	5	0.59
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	5	0.59
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	5	0.59
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	5	0.59
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	5	0.59
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	5	0.59
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	5	0.59
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	5	0.59
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	5	0.59
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	5	0.59
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	5	0.59
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	5	0.59
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	5	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	5	0.59
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	5	0.59
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	5	0.59
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	5	0.59
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	5	0.59
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	5	0.59
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	5	0.59
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	5	0.59
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	5	0.59
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	5	0.59
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	5	0.59
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	5	0.59
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	12	0.59
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	12	0.59
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	12	0.59
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	12	0.59
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	12	0.59
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	12	0.59
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	12	0.59
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	12	0.59
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	12	0.59
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	12	0.59
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	12	0.59
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	12	0.59
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	12	0.59
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	12	0.59
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	12	0.59
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	12	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	12	0.59
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	12	0.59
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	12	0.59
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	12	0.59
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	12	0.59
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	12	0.59
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	12	0.59
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	12	0.59
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	12	0.59
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	12	0.59
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	12	0.59
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	12	0.59
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	12	0.59
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	12	0.59
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	12	0.59
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	2	0.59
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	2	0.59
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	2	0.59
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	2	0.59
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	2	0.59
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	2	0.59
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	2	0.59
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	2	0.59
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	2	0.59
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	2	0.59
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	2	0.59
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	2	0.59
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	2	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	2	0.59
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	2	0.59
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	2	0.59
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	2	0.59
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	2	0.59
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	2	0.59
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	2	0.59
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	2	0.59
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	2	0.59
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	2	0.59
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	2	0.59
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	2	0.59
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	2	0.59
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	2	0.59
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	12	0.59
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	12	0.59
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	12	0.59
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	12	0.59
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	12	0.59
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	12	0.59
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	12	0.59
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	12	0.59
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	12	0.59
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	12	0.59
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	12	0.59
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	12	0.59
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	12	0.59
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	12	0.59
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	12	0.59
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	12	0.59
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	12	0.59
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	12	0.59
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	12	0.59
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	12	0.59
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	12	0.59
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	12	0.59
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	12	0.59
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	12	0.59
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	12	0.59
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	12	0.59
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	12	0.59
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	12	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	12	0.59
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	12	0.59
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	12	0.59
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	12	0.59
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	12	0.59
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	12	0.59
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	12	0.59
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	12	0.59
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	12	0.59
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	12	0.59
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	12	0.59
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	12	0.59
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	12	0.59
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	12	0.59
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	12	0.59
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	12	0.59
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	12	0.59
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	12	0.59
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	12	0.59
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	12	0.59
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	12	0.59
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	12	0.59
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	12	0.59
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	12	0.59
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	12	0.59
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	12	0.59
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	12	0.59
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	12	0.59
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	12	0.59
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	12	0.59
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	12	0.59
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	12	0.59
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	12	0.59
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	12	0.59
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	12	0.59
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	11	0.59
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	11	0.59
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	11	0.59
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	11	0.59
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	11	0.59
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	11	0.59
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	11	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	11	0.59
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	11	0.59
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	11	0.59
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	11	0.59
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	11	0.59
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	11	0.59
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	11	0.59
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	11	0.59
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	11	0.59
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	11	0.59
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	11	0.59
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	11	0.59
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	11	0.59
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	11	0.59
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	11	0.59
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	11	0.59
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	11	0.59
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	11	0.59
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	11	0.59
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	11	0.59
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	4	0.59
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	4	0.59
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	4	0.59
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	4	0.59
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	4	0.59
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	4	0.59
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	4	0.59
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	4	0.59
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	4	0.59
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	11	0.59
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	11	0.59
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	11	0.59
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	11	0.59
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	11	0.59
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	11	0.59
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	11	0.59
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	11	0.59
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	11	0.59
(1,122)	1:A:7:ALA:HA	1:A:7:ALA:H	17	0.59
(1,122)	1:A:7:ALA:HA	1:B:7:ALA:H	17	0.59
(1,122)	1:A:7:ALA:HA	1:C:7:ALA:H	17	0.59
(1,122)	1:B:7:ALA:HA	1:A:7:ALA:H	17	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,122)	1:B:7:ALA:HA	1:B:7:ALA:H	17	0.59
(1,122)	1:B:7:ALA:HA	1:C:7:ALA:H	17	0.59
(1,122)	1:C:7:ALA:HA	1:A:7:ALA:H	17	0.59
(1,122)	1:C:7:ALA:HA	1:B:7:ALA:H	17	0.59
(1,122)	1:C:7:ALA:HA	1:C:7:ALA:H	17	0.59
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	1	0.58
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	1	0.58
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	1	0.58
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	1	0.58
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	1	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	1	0.58
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	1	0.58
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	1	0.58
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	1	0.58
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	1	0.58
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	1	0.58
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	1	0.58
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	1	0.58
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	1	0.58
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	1	0.58
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	1	0.58
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	1	0.58
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	1	0.58
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	1	0.58
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	1	0.58
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	1	0.58
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	1	0.58
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	1	0.58
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	1	0.58
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	1	0.58
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	1	0.58
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	1	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	1	0.58
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	1	0.58
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	1	0.58
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	1	0.58
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	1	0.58
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	1	0.58
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	1	0.58
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	13	0.58
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	13	0.58
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	13	0.58
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	13	0.58
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	13	0.58
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	13	0.58
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	13	0.58
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	13	0.58
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	13	0.58
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	13	0.58
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	13	0.58
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	13	0.58
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	13	0.58
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	13	0.58
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	13	0.58
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	13	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	13	0.58
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	13	0.58
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	13	0.58
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	13	0.58
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	13	0.58
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	13	0.58
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	13	0.58
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	13	0.58
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	13	0.58
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	13	0.58
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	13	0.58
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	13	0.58
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	13	0.58
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	13	0.58
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	13	0.58
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	13	0.58
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	13	0.58
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	13	0.58
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	13	0.58
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	13	0.58
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	13	0.58
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	13	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	13	0.58
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	13	0.58
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	13	0.58
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	13	0.58
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	13	0.58
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	13	0.58
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	13	0.58
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	13	0.58
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	13	0.58
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	13	0.58
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	17	0.58
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	17	0.58
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	17	0.58
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	17	0.58
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	17	0.58
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	17	0.58
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	17	0.58
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	17	0.58
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	17	0.58
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	17	0.58
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	17	0.58
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	17	0.58
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	17	0.58
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	17	0.58
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	17	0.58
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	17	0.58
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	17	0.58
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	17	0.58
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	17	0.58
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	17	0.58
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	17	0.58
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	17	0.58
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	17	0.58
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	17	0.58
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	17	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	17	0.58
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	17	0.58
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	17	0.58
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	17	0.58
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	17	0.58
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	17	0.58
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	11	0.58
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	11	0.58
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	11	0.58
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	11	0.58
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	11	0.58
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	11	0.58
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	11	0.58
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	11	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	11	0.58
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	11	0.58
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	11	0.58
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	11	0.58
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	11	0.58
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	11	0.58
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	11	0.58
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	11	0.58
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	11	0.58
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	19	0.58
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	19	0.58
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	19	0.58
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	19	0.58
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	19	0.58
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	19	0.58
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	19	0.58
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	19	0.58
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	19	0.58
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	19	0.58
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	19	0.58
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	19	0.58
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	19	0.58
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	19	0.58
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	19	0.58
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	19	0.58
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	19	0.58
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	19	0.58
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	19	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	19	0.58
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	19	0.58
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	19	0.58
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	19	0.58
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	19	0.58
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	19	0.58
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	19	0.58
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	19	0.58
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	19	0.58
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	19	0.58
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	19	0.58
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	19	0.58
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	16	0.58
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	16	0.58
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	16	0.58
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	16	0.58
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	16	0.58
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	16	0.58
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	16	0.58
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	16	0.58
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	16	0.58
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	16	0.58
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	16	0.58
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	16	0.58
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	16	0.58
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	16	0.58
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	16	0.58
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	16	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	16	0.58
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	16	0.58
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	16	0.58
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	16	0.58
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	16	0.58
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	16	0.58
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	16	0.58
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	16	0.58
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	16	0.58
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	16	0.58
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	16	0.58
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	16	0.58
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	16	0.58
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	16	0.58
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	16	0.58
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	16	0.58
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	16	0.58
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	16	0.58
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	16	0.58
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	16	0.58
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	16	0.58
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	16	0.58
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	16	0.58
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	16	0.58
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	16	0.58
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	16	0.58
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	16	0.58
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	16	0.58
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	16	0.58
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	16	0.58
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	16	0.58
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	16	0.58
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	16	0.58
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	16	0.58
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	16	0.58
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	16	0.58
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	16	0.58
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	16	0.58
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	5	0.58
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	5	0.58
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	5	0.58
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	5	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	5	0.58
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	5	0.58
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	5	0.58
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	5	0.58
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	5	0.58
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	5	0.58
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	5	0.58
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	5	0.58
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	5	0.58
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	5	0.58
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	5	0.58
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	5	0.58
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	5	0.58
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	5	0.58
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	5	0.58
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	5	0.58
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	5	0.58
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	5	0.58
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	5	0.58
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	5	0.58
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	5	0.58
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	5	0.58
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	5	0.58
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	18	0.58
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	18	0.58
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	18	0.58
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	18	0.58
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	18	0.58
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	18	0.58
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	18	0.58
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	18	0.58
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	18	0.58
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	18	0.58
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	18	0.58
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	18	0.58
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	18	0.58
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	18	0.58
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	18	0.58
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	18	0.58
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	18	0.58
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	18	0.58
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	18	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	18	0.58
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	18	0.58
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	18	0.58
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	18	0.58
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	18	0.58
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	18	0.58
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	18	0.58
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	18	0.58
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	18	0.58
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	18	0.58
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	18	0.58
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	18	0.58
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	18	0.58
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	18	0.58
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	18	0.58
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	18	0.58
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	18	0.58
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	2	0.58
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	2	0.58
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	2	0.58
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	2	0.58
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	2	0.58
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	2	0.58
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	2	0.58
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	2	0.58
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	2	0.58
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	2	0.58
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	2	0.58
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	2	0.58
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	2	0.58
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	2	0.58
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	2	0.58
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	2	0.58
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	2	0.58
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	2	0.58
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	2	0.58
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	2	0.58
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	2	0.58
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	2	0.58
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	2	0.58
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	2	0.58
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	2	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	2	0.58
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	2	0.58
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	7	0.58
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	7	0.58
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	7	0.58
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	7	0.58
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	7	0.58
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	7	0.58
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	7	0.58
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	7	0.58
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	7	0.58
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	7	0.58
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	7	0.58
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	7	0.58
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	7	0.58
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	7	0.58
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	7	0.58
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	7	0.58
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	7	0.58
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	7	0.58
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	7	0.58
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	7	0.58
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	7	0.58
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	7	0.58
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	7	0.58
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	7	0.58
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	7	0.58
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	7	0.58
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	7	0.58
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	17	0.58
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	17	0.58
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	17	0.58
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	17	0.58
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	17	0.58
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	17	0.58
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	17	0.58
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	17	0.58
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	17	0.58
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	17	0.58
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	17	0.58
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	17	0.58
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	17	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	17	0.58
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	17	0.58
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	17	0.58
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	17	0.58
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	17	0.58
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	17	0.58
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	17	0.58
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	17	0.58
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	17	0.58
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	17	0.58
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	17	0.58
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	17	0.58
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	17	0.58
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	17	0.58
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	18	0.58
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	18	0.58
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	18	0.58
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	18	0.58
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	18	0.58
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	18	0.58
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	18	0.58
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	18	0.58
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	18	0.58
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	18	0.58
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	18	0.58
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	18	0.58
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	18	0.58
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	18	0.58
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	18	0.58
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	18	0.58
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	18	0.58
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	18	0.58
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	18	0.58
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	18	0.58
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	18	0.58
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	18	0.58
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	18	0.58
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	18	0.58
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	18	0.58
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	18	0.58
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	18	0.58
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	13	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	13	0.57
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	13	0.57
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	13	0.57
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	13	0.57
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	13	0.57
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	13	0.57
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	13	0.57
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	13	0.57
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	13	0.57
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	13	0.57
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	13	0.57
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	13	0.57
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	13	0.57
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	13	0.57
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	13	0.57
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	13	0.57
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	13	0.57
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	13	0.57
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	13	0.57
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	13	0.57
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	13	0.57
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	13	0.57
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	13	0.57
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	13	0.57
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	13	0.57
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	13	0.57
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	13	0.57
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	13	0.57
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	13	0.57
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	13	0.57
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	13	0.57
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	13	0.57
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	13	0.57
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	13	0.57
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	13	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	13	0.57
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	13	0.57
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	13	0.57
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	13	0.57
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	13	0.57
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	13	0.57
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	13	0.57
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	13	0.57
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	13	0.57
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	13	0.57
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	13	0.57
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	13	0.57
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	13	0.57
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	13	0.57
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	13	0.57
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	13	0.57
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	13	0.57
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	13	0.57
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	13	0.57
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	13	0.57
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	13	0.57
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	13	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	13	0.57
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	13	0.57
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	13	0.57
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	13	0.57
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	13	0.57
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	13	0.57
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	13	0.57
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	13	0.57
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	13	0.57
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	13	0.57
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	13	0.57
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	13	0.57
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	13	0.57
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	16	0.57
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	16	0.57
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	16	0.57
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	16	0.57
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	16	0.57
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	16	0.57
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	16	0.57
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	16	0.57
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	16	0.57
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	9	0.57
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	9	0.57
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	9	0.57
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	9	0.57
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	9	0.57
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	9	0.57
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	9	0.57
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	9	0.57
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	9	0.57
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	17	0.57
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	17	0.57
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	17	0.57
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	17	0.57
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	17	0.57
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	17	0.57
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	17	0.57
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	17	0.57
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	17	0.57
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	6	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	6	0.57
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	6	0.57
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	6	0.57
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	6	0.57
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	6	0.57
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	6	0.57
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	6	0.57
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	6	0.57
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	6	0.57
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	6	0.57
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	6	0.57
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	6	0.57
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	6	0.57
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	6	0.57
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	6	0.57
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	6	0.57
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	6	0.57
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	6	0.57
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	6	0.57
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	6	0.57
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	6	0.57
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	6	0.57
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	6	0.57
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	6	0.57
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	6	0.57
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	6	0.57
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	12	0.57
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	12	0.57
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	12	0.57
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	12	0.57
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	12	0.57
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	12	0.57
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	12	0.57
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	12	0.57
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	12	0.57
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	12	0.57
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	12	0.57
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	12	0.57
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	12	0.57
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	12	0.57
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	12	0.57
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	12	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	12	0.57
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	12	0.57
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	12	0.57
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	12	0.57
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	12	0.57
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	12	0.57
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	12	0.57
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	12	0.57
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	12	0.57
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	12	0.57
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	12	0.57
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	3	0.57
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	3	0.57
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	3	0.57
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	3	0.57
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	3	0.57
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	3	0.57
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	3	0.57
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	3	0.57
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	3	0.57
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	3	0.57
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	3	0.57
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	3	0.57
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	3	0.57
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	3	0.57
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	3	0.57
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	3	0.57
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	3	0.57
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	3	0.57
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	3	0.57
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	3	0.57
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	3	0.57
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	3	0.57
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	3	0.57
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	3	0.57
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	3	0.57
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	3	0.57
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	3	0.57
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	3	0.57
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	3	0.57
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	3	0.57
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	3	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	3	0.57
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	3	0.57
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	3	0.57
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	3	0.57
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	3	0.57
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	5	0.57
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	5	0.57
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	5	0.57
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	5	0.57
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	5	0.57
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	5	0.57
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	5	0.57
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	5	0.57
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	5	0.57
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	5	0.57
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	5	0.57
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	5	0.57
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	5	0.57
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	5	0.57
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	5	0.57
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	5	0.57
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	5	0.57
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	5	0.57
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	5	0.57
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	5	0.57
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	5	0.57
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	5	0.57
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	5	0.57
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	5	0.57
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	5	0.57
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	5	0.57
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	5	0.57
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	5	0.57
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	5	0.57
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	5	0.57
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	5	0.57
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	5	0.57
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	5	0.57
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	5	0.57
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	5	0.57
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	5	0.57
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	9	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	9	0.57
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	9	0.57
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	9	0.57
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	9	0.57
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	9	0.57
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	9	0.57
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	9	0.57
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	9	0.57
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	9	0.57
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	9	0.57
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	9	0.57
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	9	0.57
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	9	0.57
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	9	0.57
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	9	0.57
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	9	0.57
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	9	0.57
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	9	0.57
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	9	0.57
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	9	0.57
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	9	0.57
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	9	0.57
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	9	0.57
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	9	0.57
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	9	0.57
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	9	0.57
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	9	0.57
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	9	0.57
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	9	0.57
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	9	0.57
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	9	0.57
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	9	0.57
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	9	0.57
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	9	0.57
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	9	0.57
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	17	0.57
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	17	0.57
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	17	0.57
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	17	0.57
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	17	0.57
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	17	0.57
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	17	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	17	0.57
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	17	0.57
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	17	0.57
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	17	0.57
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	17	0.57
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	17	0.57
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	17	0.57
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	17	0.57
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	17	0.57
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	17	0.57
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	17	0.57
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	17	0.57
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	17	0.57
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	17	0.57
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	17	0.57
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	17	0.57
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	17	0.57
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	17	0.57
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	17	0.57
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	17	0.57
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	17	0.57
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	17	0.57
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	17	0.57
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	17	0.57
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	17	0.57
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	17	0.57
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	17	0.57
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	17	0.57
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	17	0.57
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	15	0.57
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	15	0.57
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	15	0.57
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	15	0.57
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	15	0.57
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	15	0.57
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	15	0.57
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	15	0.57
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	15	0.57
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	15	0.57
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	15	0.57
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	15	0.57
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	15	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	15	0.57
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	15	0.57
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	15	0.57
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	15	0.57
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	15	0.57
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	15	0.57
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	15	0.57
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	15	0.57
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	15	0.57
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	15	0.57
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	15	0.57
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	15	0.57
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	15	0.57
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	15	0.57
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	12	0.56
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	12	0.56
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	12	0.56
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	12	0.56
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	12	0.56
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	12	0.56
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	12	0.56
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	12	0.56
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	12	0.56
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	12	0.56
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	12	0.56
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	12	0.56
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	12	0.56
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	12	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	12	0.56
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	12	0.56
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	12	0.56
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	12	0.56
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	12	0.56
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	12	0.56
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	12	0.56
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	12	0.56
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	12	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	12	0.56
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	12	0.56
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	12	0.56
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	12	0.56
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	12	0.56
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	12	0.56
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	12	0.56
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	12	0.56
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	12	0.56
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	12	0.56
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	12	0.56
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	15	0.56
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	15	0.56
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	15	0.56
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	15	0.56
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	15	0.56
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	15	0.56
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	15	0.56
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	15	0.56
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	15	0.56
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	15	0.56
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	15	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	15	0.56
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	15	0.56
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	15	0.56
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	15	0.56
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	15	0.56
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	15	0.56
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	15	0.56
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	15	0.56
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	15	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	15	0.56
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	15	0.56
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	15	0.56
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	15	0.56
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	15	0.56
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	15	0.56
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	15	0.56
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	15	0.56
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	15	0.56
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	15	0.56
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	15	0.56
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	15	0.56
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	15	0.56
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	15	0.56
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	10	0.56
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	10	0.56
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	10	0.56
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	10	0.56
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	10	0.56
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	10	0.56
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	10	0.56
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	10	0.56
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	10	0.56
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	10	0.56
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	10	0.56
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	10	0.56
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	10	0.56
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	10	0.56
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	10	0.56
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	10	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	10	0.56
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	10	0.56
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	10	0.56
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	10	0.56
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	10	0.56
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	10	0.56
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	10	0.56
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	10	0.56
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	10	0.56
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	10	0.56
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	10	0.56
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	10	0.56
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	10	0.56
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	10	0.56
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	10	0.56
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	15	0.56
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	15	0.56
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	15	0.56
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	15	0.56
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	15	0.56
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	15	0.56
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	15	0.56
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	15	0.56
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	15	0.56
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	15	0.56
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	15	0.56
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	15	0.56
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	15	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	15	0.56
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	15	0.56
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	15	0.56
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	15	0.56
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	17	0.56
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	17	0.56
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	17	0.56
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	17	0.56
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	17	0.56
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	17	0.56
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	17	0.56
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	17	0.56
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	17	0.56
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	17	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	17	0.56
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	17	0.56
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	17	0.56
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	17	0.56
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	17	0.56
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	17	0.56
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	17	0.56
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	17	0.56
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	17	0.56
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	17	0.56
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	17	0.56
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	17	0.56
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	17	0.56
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	17	0.56
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	17	0.56
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	17	0.56
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	17	0.56
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	7	0.56
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	7	0.56
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	7	0.56
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	7	0.56
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	7	0.56
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	7	0.56
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	7	0.56
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	7	0.56
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	7	0.56
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	8	0.56
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	8	0.56
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	8	0.56
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	8	0.56
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	8	0.56
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	8	0.56
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	8	0.56
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	8	0.56
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	8	0.56
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	14	0.56
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	14	0.56
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	14	0.56
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	14	0.56
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	14	0.56
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	14	0.56
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	14	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	14	0.56
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	14	0.56
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	18	0.56
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	18	0.56
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	18	0.56
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	18	0.56
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	18	0.56
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	18	0.56
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	18	0.56
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	18	0.56
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	18	0.56
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	19	0.56
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	19	0.56
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	19	0.56
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	19	0.56
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	19	0.56
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	19	0.56
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	19	0.56
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	19	0.56
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	19	0.56
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	9	0.56
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	9	0.56
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	9	0.56
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	9	0.56
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	9	0.56
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	9	0.56
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	9	0.56
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	9	0.56
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	9	0.56
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	9	0.56
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	9	0.56
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	9	0.56
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	9	0.56
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	9	0.56
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	9	0.56
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	9	0.56
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	9	0.56
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	9	0.56
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	9	0.56
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	9	0.56
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	9	0.56
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	9	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	9	0.56
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	9	0.56
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	9	0.56
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	9	0.56
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	9	0.56
(1,237)	1:A:14:TRP:HD1	1:A:10:ILE:HA	3	0.56
(1,237)	1:A:14:TRP:HD1	1:B:10:ILE:HA	3	0.56
(1,237)	1:A:14:TRP:HD1	1:C:10:ILE:HA	3	0.56
(1,237)	1:B:14:TRP:HD1	1:A:10:ILE:HA	3	0.56
(1,237)	1:B:14:TRP:HD1	1:B:10:ILE:HA	3	0.56
(1,237)	1:B:14:TRP:HD1	1:C:10:ILE:HA	3	0.56
(1,237)	1:C:14:TRP:HD1	1:A:10:ILE:HA	3	0.56
(1,237)	1:C:14:TRP:HD1	1:B:10:ILE:HA	3	0.56
(1,237)	1:C:14:TRP:HD1	1:C:10:ILE:HA	3	0.56
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	11	0.56
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	11	0.56
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	11	0.56
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	11	0.56
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	11	0.56
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	11	0.56
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	11	0.56
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	11	0.56
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	11	0.56
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	11	0.56
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	11	0.56
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	11	0.56
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	11	0.56
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	11	0.56
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	11	0.56
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	11	0.56
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	11	0.56
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	11	0.56
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	11	0.56
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	11	0.56
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	11	0.56
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	11	0.56
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	11	0.56
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	11	0.56
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	11	0.56
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	11	0.56
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	11	0.56
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	11	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	11	0.56
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	11	0.56
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	11	0.56
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	11	0.56
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	11	0.56
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	11	0.56
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	11	0.56
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	11	0.56
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	3	0.56
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	3	0.56
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	3	0.56
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	3	0.56
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	3	0.56
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	3	0.56
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	3	0.56
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	3	0.56
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	3	0.56
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	3	0.56
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	3	0.56
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	3	0.56
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	3	0.56
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	3	0.56
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	3	0.56
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	3	0.56
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	3	0.56
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	3	0.56
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	3	0.56
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	3	0.56
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	3	0.56
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	3	0.56
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	3	0.56
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	3	0.56
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	3	0.56
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	3	0.56
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	3	0.56
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	4	0.56
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	4	0.56
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	4	0.56
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	4	0.56
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	4	0.56
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	4	0.56
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	4	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	4	0.56
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	4	0.56
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	4	0.56
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	4	0.56
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	4	0.56
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	4	0.56
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	4	0.56
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	4	0.56
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	4	0.56
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	4	0.56
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	4	0.56
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	4	0.56
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	4	0.56
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	4	0.56
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	4	0.56
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	4	0.56
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	4	0.56
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	4	0.56
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	4	0.56
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	4	0.56
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	5	0.56
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	5	0.56
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	5	0.56
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	5	0.56
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	5	0.56
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	5	0.56
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	5	0.56
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	5	0.56
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	5	0.56
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	5	0.56
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	5	0.56
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	5	0.56
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	5	0.56
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	5	0.56
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	5	0.56
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	5	0.56
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	5	0.56
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	5	0.56
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	5	0.56
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	5	0.56
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	5	0.56
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	5	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	5	0.56
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	5	0.56
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	5	0.56
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	5	0.56
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	5	0.56
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	10	0.56
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	10	0.56
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	10	0.56
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	10	0.56
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	10	0.56
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	10	0.56
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	10	0.56
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	10	0.56
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	10	0.56
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	10	0.56
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	10	0.56
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	10	0.56
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	10	0.56
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	10	0.56
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	10	0.56
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	10	0.56
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	10	0.56
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	10	0.56
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	10	0.56
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	10	0.56
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	10	0.56
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	10	0.56
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	10	0.56
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	10	0.56
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	10	0.56
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	10	0.56
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	10	0.56
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	6	0.55
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	6	0.55
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	6	0.55
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	6	0.55
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	6	0.55
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	6	0.55
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	6	0.55
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	6	0.55
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	6	0.55
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG12	2	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:A:9:PHE:HD1	1:A:10:ILE:HG13	2	0.55
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG12	2	0.55
(1,88)	1:A:9:PHE:HD1	1:B:10:ILE:HG13	2	0.55
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG12	2	0.55
(1,88)	1:A:9:PHE:HD1	1:C:10:ILE:HG13	2	0.55
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG12	2	0.55
(1,88)	1:A:9:PHE:HD2	1:A:10:ILE:HG13	2	0.55
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG12	2	0.55
(1,88)	1:A:9:PHE:HD2	1:B:10:ILE:HG13	2	0.55
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG12	2	0.55
(1,88)	1:A:9:PHE:HD2	1:C:10:ILE:HG13	2	0.55
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG12	2	0.55
(1,88)	1:A:9:PHE:HE1	1:A:10:ILE:HG13	2	0.55
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG12	2	0.55
(1,88)	1:A:9:PHE:HE1	1:B:10:ILE:HG13	2	0.55
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG12	2	0.55
(1,88)	1:A:9:PHE:HE1	1:C:10:ILE:HG13	2	0.55
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG12	2	0.55
(1,88)	1:A:9:PHE:HE2	1:A:10:ILE:HG13	2	0.55
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG12	2	0.55
(1,88)	1:A:9:PHE:HE2	1:B:10:ILE:HG13	2	0.55
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG12	2	0.55
(1,88)	1:A:9:PHE:HE2	1:C:10:ILE:HG13	2	0.55
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG12	2	0.55
(1,88)	1:A:9:PHE:HZ	1:A:10:ILE:HG13	2	0.55
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG12	2	0.55
(1,88)	1:A:9:PHE:HZ	1:B:10:ILE:HG13	2	0.55
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG12	2	0.55
(1,88)	1:A:9:PHE:HZ	1:C:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG12	2	0.55
(1,88)	1:B:9:PHE:HD1	1:A:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG12	2	0.55
(1,88)	1:B:9:PHE:HD1	1:B:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG12	2	0.55
(1,88)	1:B:9:PHE:HD1	1:C:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG12	2	0.55
(1,88)	1:B:9:PHE:HD2	1:A:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG12	2	0.55
(1,88)	1:B:9:PHE:HD2	1:B:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG12	2	0.55
(1,88)	1:B:9:PHE:HD2	1:C:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG12	2	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:B:9:PHE:HE1	1:A:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG12	2	0.55
(1,88)	1:B:9:PHE:HE1	1:B:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG12	2	0.55
(1,88)	1:B:9:PHE:HE1	1:C:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG12	2	0.55
(1,88)	1:B:9:PHE:HE2	1:A:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG12	2	0.55
(1,88)	1:B:9:PHE:HE2	1:B:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG12	2	0.55
(1,88)	1:B:9:PHE:HE2	1:C:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG12	2	0.55
(1,88)	1:B:9:PHE:HZ	1:A:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG12	2	0.55
(1,88)	1:B:9:PHE:HZ	1:B:10:ILE:HG13	2	0.55
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG12	2	0.55
(1,88)	1:B:9:PHE:HZ	1:C:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG12	2	0.55
(1,88)	1:C:9:PHE:HD1	1:A:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG12	2	0.55
(1,88)	1:C:9:PHE:HD1	1:B:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG12	2	0.55
(1,88)	1:C:9:PHE:HD1	1:C:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG12	2	0.55
(1,88)	1:C:9:PHE:HD2	1:A:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG12	2	0.55
(1,88)	1:C:9:PHE:HD2	1:B:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG12	2	0.55
(1,88)	1:C:9:PHE:HD2	1:C:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG12	2	0.55
(1,88)	1:C:9:PHE:HE1	1:A:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG12	2	0.55
(1,88)	1:C:9:PHE:HE1	1:B:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG12	2	0.55
(1,88)	1:C:9:PHE:HE1	1:C:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG12	2	0.55
(1,88)	1:C:9:PHE:HE2	1:A:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG12	2	0.55
(1,88)	1:C:9:PHE:HE2	1:B:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG12	2	0.55
(1,88)	1:C:9:PHE:HE2	1:C:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG12	2	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:C:9:PHE:HZ	1:A:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG12	2	0.55
(1,88)	1:C:9:PHE:HZ	1:B:10:ILE:HG13	2	0.55
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG12	2	0.55
(1,88)	1:C:9:PHE:HZ	1:C:10:ILE:HG13	2	0.55
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	1	0.55
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	1	0.55
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	1	0.55
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	1	0.55
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	1	0.55
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	1	0.55
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	1	0.55
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	1	0.55
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	1	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	1	0.55
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	1	0.55
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	1	0.55
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	1	0.55
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	1	0.55
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	1	0.55
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	1	0.55
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	1	0.55
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	18	0.55
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	18	0.55
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	18	0.55
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	18	0.55
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	18	0.55
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	18	0.55
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	18	0.55
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	18	0.55
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	18	0.55
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	18	0.55
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	18	0.55
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	18	0.55
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	18	0.55
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	18	0.55
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	18	0.55
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	18	0.55
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	18	0.55
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	18	0.55
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	18	0.55
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	18	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	18	0.55
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	18	0.55
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	18	0.55
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	18	0.55
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	18	0.55
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	18	0.55
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	18	0.55
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	18	0.55
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	18	0.55
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	18	0.55
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	18	0.55
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	12	0.55
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	12	0.55
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	12	0.55
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	12	0.55
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	12	0.55
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	12	0.55
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	12	0.55
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	12	0.55
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	12	0.55
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	2	0.55
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	2	0.55
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	2	0.55
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	2	0.55
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	2	0.55
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	2	0.55
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	2	0.55
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	2	0.55
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	2	0.55
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	2	0.55
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	2	0.55
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	2	0.55
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	2	0.55
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	2	0.55
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	2	0.55
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	2	0.55
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	2	0.55
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	2	0.55
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	2	0.55
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	2	0.55
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	2	0.55
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	2	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	2	0.55
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	2	0.55
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	2	0.55
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	2	0.55
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	2	0.55
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	2	0.55
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	2	0.55
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	2	0.55
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	2	0.55
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	3	0.55
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	3	0.55
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	3	0.55
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	3	0.55
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	3	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	3	0.55
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	3	0.55
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	3	0.55
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	3	0.55
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	3	0.55
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	3	0.55
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	3	0.55
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	3	0.55
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	3	0.55
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	3	0.55
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	3	0.55
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	3	0.55
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	5	0.55
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	5	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	5	0.55
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	5	0.55
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	5	0.55
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	5	0.55
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	5	0.55
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	5	0.55
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	5	0.55
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	5	0.55
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	5	0.55
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	5	0.55
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	5	0.55
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	5	0.55
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	5	0.55
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	5	0.55
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	5	0.55
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	16	0.55
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	16	0.55
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	16	0.55
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	16	0.55
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	16	0.55
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	16	0.55
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	16	0.55
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	16	0.55
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	16	0.55
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	16	0.55
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	16	0.55
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	16	0.55
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	16	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	16	0.55
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	16	0.55
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	16	0.55
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	16	0.55
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	17	0.55
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	17	0.55
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	17	0.55
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	17	0.55
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	17	0.55
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	17	0.55
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	17	0.55
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	17	0.55
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	17	0.55
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	17	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	17	0.55
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	17	0.55
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	17	0.55
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	17	0.55
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	17	0.55
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	17	0.55
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	17	0.55
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	20	0.55
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	20	0.55
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	20	0.55
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	20	0.55
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	20	0.55
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	20	0.55
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	20	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	20	0.55
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	20	0.55
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	20	0.55
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	20	0.55
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	20	0.55
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	20	0.55
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	20	0.55
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	20	0.55
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	20	0.55
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	20	0.55
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	16	0.55
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	16	0.55
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	16	0.55
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	16	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	16	0.55
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	16	0.55
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	16	0.55
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	16	0.55
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	16	0.55
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	16	0.55
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	16	0.55
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	16	0.55
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	16	0.55
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	16	0.55
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	16	0.55
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	16	0.55
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	16	0.55
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	16	0.55
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	16	0.55
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	16	0.55
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	16	0.55
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	16	0.55
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	16	0.55
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	16	0.55
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	16	0.55
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	16	0.55
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	16	0.55
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	1	0.55
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	1	0.55
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	1	0.55
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	1	0.55
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	1	0.55
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	1	0.55
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	1	0.55
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	1	0.55
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	1	0.55
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	1	0.55
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	1	0.55
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	1	0.55
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	1	0.55
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	1	0.55
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	1	0.55
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	1	0.55
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	1	0.55
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	1	0.55
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	1	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	1	0.55
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	1	0.55
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	1	0.55
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	1	0.55
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	1	0.55
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	1	0.55
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	1	0.55
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	1	0.55
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	20	0.55
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	20	0.55
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	20	0.55
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	20	0.55
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	20	0.55
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	20	0.55
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	20	0.55
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	20	0.55
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	20	0.55
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	20	0.55
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	20	0.55
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	20	0.55
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	20	0.55
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	20	0.55
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	20	0.55
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	20	0.55
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	20	0.55
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	20	0.55
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	20	0.55
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	20	0.55
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	20	0.55
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	20	0.55
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	20	0.55
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	20	0.55
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	20	0.55
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	20	0.55
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	20	0.55
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	10	0.55
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	10	0.55
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	10	0.55
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	10	0.55
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	10	0.55
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	10	0.55
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	10	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	10	0.55
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	10	0.55
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	10	0.55
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	10	0.55
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	10	0.55
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	10	0.55
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	10	0.55
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	10	0.55
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	10	0.55
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	10	0.55
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	10	0.55
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	10	0.55
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	10	0.55
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	10	0.55
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	10	0.55
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	10	0.55
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	10	0.55
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	10	0.55
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	10	0.55
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	10	0.55
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	10	0.55
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	10	0.55
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	10	0.55
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	10	0.55
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	10	0.55
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	10	0.55
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	10	0.55
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	10	0.55
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	10	0.55
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	13	0.55
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	13	0.55
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	13	0.55
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	13	0.55
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	13	0.55
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	13	0.55
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	13	0.55
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	13	0.55
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	13	0.55
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	13	0.55
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	13	0.55
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	13	0.55
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	13	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	13	0.55
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	13	0.55
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	13	0.55
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	13	0.55
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	13	0.55
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	13	0.55
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	13	0.55
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	13	0.55
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	13	0.55
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	13	0.55
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	13	0.55
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	13	0.55
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	13	0.55
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	13	0.55
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	13	0.55
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	13	0.55
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	13	0.55
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	13	0.55
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	13	0.55
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	13	0.55
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	13	0.55
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	13	0.55
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	13	0.55
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	19	0.55
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	19	0.55
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	19	0.55
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	19	0.55
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	19	0.55
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	19	0.55
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	19	0.55
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	19	0.55
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	19	0.55
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	19	0.55
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	19	0.55
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	19	0.55
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	19	0.55
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	19	0.55
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	19	0.55
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	19	0.55
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	19	0.55
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	19	0.55
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	19	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	19	0.55
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	19	0.55
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	19	0.55
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	19	0.55
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	19	0.55
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	19	0.55
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	19	0.55
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	19	0.55
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	19	0.55
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	19	0.55
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	19	0.55
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	19	0.55
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	19	0.55
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	19	0.55
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	19	0.55
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	19	0.55
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	19	0.55
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	1	0.55
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	1	0.55
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	1	0.55
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	1	0.55
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	1	0.55
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	1	0.55
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	1	0.55
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	1	0.55
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	1	0.55
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	1	0.55
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	1	0.55
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	1	0.55
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	1	0.55
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	1	0.55
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	1	0.55
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	1	0.55
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	1	0.55
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	1	0.55
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	1	0.55
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	1	0.55
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	1	0.55
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	1	0.55
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	1	0.55
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	1	0.55
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	1	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	1	0.55
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	1	0.55
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	16	0.55
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	16	0.55
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	16	0.55
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	16	0.55
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	16	0.55
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	16	0.55
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	16	0.55
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	16	0.55
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	16	0.55
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	16	0.55
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	16	0.55
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	16	0.55
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	16	0.55
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	16	0.55
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	16	0.55
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	16	0.55
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	16	0.55
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	16	0.55
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	16	0.55
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	16	0.55
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	16	0.55
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	16	0.55
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	16	0.55
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	16	0.55
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	16	0.55
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	16	0.55
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	16	0.55
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	14	0.55
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	14	0.55
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	14	0.55
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	14	0.55
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	14	0.55
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	14	0.55
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	14	0.55
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	14	0.55
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	14	0.55
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	14	0.55
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	14	0.55
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	14	0.55
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	14	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	14	0.55
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	14	0.55
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	14	0.55
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	14	0.55
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	14	0.55
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	7	0.54
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	7	0.54
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	7	0.54
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	7	0.54
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	7	0.54
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	7	0.54
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	7	0.54
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	7	0.54
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	7	0.54
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	7	0.54
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	7	0.54
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	7	0.54
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	7	0.54
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	7	0.54
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	7	0.54
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	7	0.54
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	7	0.54
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	7	0.54
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	7	0.54
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	7	0.54
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	7	0.54
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	7	0.54
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	7	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	7	0.54
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	7	0.54
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	7	0.54
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	7	0.54
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	7	0.54
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	7	0.54
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	7	0.54
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	7	0.54
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	16	0.54
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	16	0.54
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	16	0.54
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	16	0.54
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	16	0.54
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	16	0.54
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	16	0.54
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	16	0.54
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	16	0.54
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	6	0.54
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	6	0.54
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	6	0.54
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	6	0.54
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	6	0.54
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	6	0.54
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	6	0.54
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	6	0.54
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	6	0.54
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	6	0.54
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	6	0.54
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	6	0.54
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	6	0.54
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	6	0.54
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	6	0.54
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	6	0.54
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	6	0.54
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	6	0.54
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	6	0.54
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	6	0.54
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	6	0.54
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	6	0.54
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	6	0.54
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	6	0.54
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	6	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	6	0.54
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	6	0.54
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	6	0.54
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	6	0.54
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	6	0.54
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	6	0.54
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	6	0.54
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	6	0.54
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	6	0.54
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	6	0.54
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	6	0.54
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	6	0.54
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	6	0.54
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	6	0.54
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	6	0.54
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	6	0.54
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	6	0.54
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	6	0.54
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	6	0.54
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	6	0.54
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	6	0.54
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	6	0.54
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	6	0.54
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	6	0.54
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	6	0.54
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	6	0.54
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	6	0.54
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	6	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	6	0.54
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	6	0.54
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	6	0.54
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	6	0.54
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	6	0.54
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	6	0.54
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	6	0.54
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	6	0.54
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	6	0.54
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	13	0.54
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	13	0.54
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	13	0.54
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	13	0.54
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	13	0.54
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	13	0.54
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	13	0.54
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	13	0.54
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	13	0.54
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	12	0.54
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	12	0.54
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	12	0.54
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	12	0.54
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	12	0.54
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	12	0.54
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	12	0.54
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	12	0.54
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	12	0.54
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	13	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	13	0.54
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	13	0.54
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	13	0.54
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	13	0.54
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	13	0.54
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	13	0.54
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	13	0.54
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	13	0.54
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	2	0.54
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	2	0.54
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	2	0.54
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	2	0.54
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	2	0.54
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	2	0.54
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	2	0.54
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	2	0.54
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	2	0.54
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	2	0.54
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	2	0.54
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	2	0.54
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	2	0.54
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	2	0.54
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	2	0.54
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	2	0.54
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	2	0.54
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	2	0.54
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	2	0.54
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	2	0.54
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	2	0.54
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	2	0.54
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	2	0.54
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	2	0.54
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	2	0.54
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	2	0.54
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	2	0.54
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	13	0.54
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	13	0.54
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	13	0.54
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	13	0.54
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	13	0.54
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	13	0.54
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	13	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	13	0.54
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	13	0.54
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	13	0.54
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	13	0.54
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	13	0.54
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	13	0.54
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	13	0.54
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	13	0.54
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	13	0.54
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	13	0.54
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	13	0.54
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	13	0.54
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	13	0.54
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	13	0.54
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	13	0.54
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	13	0.54
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	13	0.54
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	13	0.54
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	13	0.54
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	13	0.54
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	14	0.54
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	14	0.54
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	14	0.54
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	14	0.54
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	14	0.54
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	14	0.54
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	14	0.54
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	14	0.54
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	14	0.54
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	14	0.54
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	14	0.54
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	14	0.54
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	14	0.54
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	14	0.54
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	14	0.54
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	14	0.54
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	14	0.54
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	14	0.54
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	14	0.54
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	14	0.54
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	14	0.54
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	14	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	14	0.54
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	14	0.54
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	14	0.54
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	14	0.54
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	14	0.54
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	15	0.54
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	15	0.54
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	15	0.54
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	15	0.54
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	15	0.54
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	15	0.54
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	15	0.54
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	15	0.54
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	15	0.54
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	15	0.54
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	15	0.54
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	15	0.54
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	15	0.54
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	15	0.54
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	15	0.54
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	15	0.54
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	15	0.54
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	15	0.54
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	15	0.54
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	15	0.54
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	15	0.54
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	15	0.54
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	15	0.54
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	15	0.54
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	15	0.54
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	15	0.54
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	15	0.54
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	17	0.54
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	17	0.54
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	17	0.54
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	17	0.54
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	17	0.54
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	17	0.54
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	17	0.54
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	17	0.54
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	17	0.54
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	17	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	17	0.54
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	17	0.54
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	17	0.54
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	17	0.54
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	17	0.54
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	17	0.54
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	17	0.54
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	17	0.54
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	17	0.54
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	17	0.54
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	17	0.54
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	17	0.54
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	17	0.54
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	17	0.54
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	17	0.54
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	17	0.54
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	17	0.54
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	1	0.54
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	1	0.54
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	1	0.54
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	1	0.54
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	1	0.54
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	1	0.54
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	1	0.54
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	1	0.54
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	1	0.54
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	1	0.54
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	1	0.54
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	1	0.54
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	1	0.54
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	1	0.54
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	1	0.54
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	1	0.54
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	1	0.54
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	1	0.54
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	1	0.54
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	1	0.54
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	1	0.54
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	1	0.54
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	1	0.54
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	1	0.54
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	1	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	1	0.54
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	1	0.54
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	1	0.54
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	1	0.54
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	1	0.54
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	1	0.54
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	1	0.54
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	1	0.54
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	1	0.54
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	1	0.54
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	1	0.54
(1,196)	1:A:18:ILE:HD11	1:A:18:ILE:H	12	0.54
(1,196)	1:A:18:ILE:HD11	1:B:18:ILE:H	12	0.54
(1,196)	1:A:18:ILE:HD11	1:C:18:ILE:H	12	0.54
(1,196)	1:A:18:ILE:HD12	1:A:18:ILE:H	12	0.54
(1,196)	1:A:18:ILE:HD12	1:B:18:ILE:H	12	0.54
(1,196)	1:A:18:ILE:HD12	1:C:18:ILE:H	12	0.54
(1,196)	1:A:18:ILE:HD13	1:A:18:ILE:H	12	0.54
(1,196)	1:A:18:ILE:HD13	1:B:18:ILE:H	12	0.54
(1,196)	1:A:18:ILE:HD13	1:C:18:ILE:H	12	0.54
(1,196)	1:B:18:ILE:HD11	1:A:18:ILE:H	12	0.54
(1,196)	1:B:18:ILE:HD11	1:B:18:ILE:H	12	0.54
(1,196)	1:B:18:ILE:HD11	1:C:18:ILE:H	12	0.54
(1,196)	1:B:18:ILE:HD12	1:A:18:ILE:H	12	0.54
(1,196)	1:B:18:ILE:HD12	1:B:18:ILE:H	12	0.54
(1,196)	1:B:18:ILE:HD12	1:C:18:ILE:H	12	0.54
(1,196)	1:B:18:ILE:HD13	1:A:18:ILE:H	12	0.54
(1,196)	1:B:18:ILE:HD13	1:B:18:ILE:H	12	0.54
(1,196)	1:B:18:ILE:HD13	1:C:18:ILE:H	12	0.54
(1,196)	1:C:18:ILE:HD11	1:A:18:ILE:H	12	0.54
(1,196)	1:C:18:ILE:HD11	1:B:18:ILE:H	12	0.54
(1,196)	1:C:18:ILE:HD11	1:C:18:ILE:H	12	0.54
(1,196)	1:C:18:ILE:HD12	1:A:18:ILE:H	12	0.54
(1,196)	1:C:18:ILE:HD12	1:B:18:ILE:H	12	0.54
(1,196)	1:C:18:ILE:HD12	1:C:18:ILE:H	12	0.54
(1,196)	1:C:18:ILE:HD13	1:A:18:ILE:H	12	0.54
(1,196)	1:C:18:ILE:HD13	1:B:18:ILE:H	12	0.54
(1,196)	1:C:18:ILE:HD13	1:C:18:ILE:H	12	0.54
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	10	0.54
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	10	0.54
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	10	0.54
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	10	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	10	0.54
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	10	0.54
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	10	0.54
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	10	0.54
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	10	0.54
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	10	0.54
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	10	0.54
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	10	0.54
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	10	0.54
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	10	0.54
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	10	0.54
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	10	0.54
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	10	0.54
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	10	0.54
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	1	0.54
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	1	0.54
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	1	0.54
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	1	0.54
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	1	0.54
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	1	0.54
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	1	0.54
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	1	0.54
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	1	0.54
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	1	0.54
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	1	0.54
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	1	0.54
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	1	0.54
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	1	0.54
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	1	0.54
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	1	0.54
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	1	0.54
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	1	0.54
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	13	0.53
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	13	0.53
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	13	0.53
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	13	0.53
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	13	0.53
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	13	0.53
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	13	0.53
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	13	0.53
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	13	0.53
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	13	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	13	0.53
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	13	0.53
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	13	0.53
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	13	0.53
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	13	0.53
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	13	0.53
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	13	0.53
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	5	0.53
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	5	0.53
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	5	0.53
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	5	0.53
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	5	0.53
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	5	0.53
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	5	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	5	0.53
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	5	0.53
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	5	0.53
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	5	0.53
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	5	0.53
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	5	0.53
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	5	0.53
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	5	0.53
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	5	0.53
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	5	0.53
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	5	0.53
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	5	0.53
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	5	0.53
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	5	0.53
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	5	0.53
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	5	0.53
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	5	0.53
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	5	0.53
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	5	0.53
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	5	0.53
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	5	0.53
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	5	0.53
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	5	0.53
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	5	0.53
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	5	0.53
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	5	0.53
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	5	0.53
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	5	0.53
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	5	0.53
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	5	0.53
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	5	0.53
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	5	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	5	0.53
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	5	0.53
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	5	0.53
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	5	0.53
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	5	0.53
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	5	0.53
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	5	0.53
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	5	0.53
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	5	0.53
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	8	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	8	0.53
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	8	0.53
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	8	0.53
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	8	0.53
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	8	0.53
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	8	0.53
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	8	0.53
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	8	0.53
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	8	0.53
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	8	0.53
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	8	0.53
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	8	0.53
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	8	0.53
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	8	0.53
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	8	0.53
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	8	0.53
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	8	0.53
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	8	0.53
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	8	0.53
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	8	0.53
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	8	0.53
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	8	0.53
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	8	0.53
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	8	0.53
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	8	0.53
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	8	0.53
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	8	0.53
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	8	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	8	0.53
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	8	0.53
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	20	0.53
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	20	0.53
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	20	0.53
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	20	0.53
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	20	0.53
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	20	0.53
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	20	0.53
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	20	0.53
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	20	0.53
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	20	0.53
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	20	0.53
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	20	0.53
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	20	0.53
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	20	0.53
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	20	0.53
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	20	0.53
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	20	0.53
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	20	0.53
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	20	0.53
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	20	0.53
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	20	0.53
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	20	0.53
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	20	0.53
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	20	0.53
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	20	0.53
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	20	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	20	0.53
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	20	0.53
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	20	0.53
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	20	0.53
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	20	0.53
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	14	0.53
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	14	0.53
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	14	0.53
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	14	0.53
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	14	0.53
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	14	0.53
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	14	0.53
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	14	0.53
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	14	0.53
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	14	0.53
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	14	0.53
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	14	0.53
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	14	0.53
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	14	0.53
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	14	0.53
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	14	0.53
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	14	0.53
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	14	0.53
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	13	0.53
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	13	0.53
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	13	0.53
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	13	0.53
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	13	0.53
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	13	0.53
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	13	0.53
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	13	0.53
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	13	0.53
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	13	0.53
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	13	0.53
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	13	0.53
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	13	0.53
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	13	0.53
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	13	0.53
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	13	0.53
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	13	0.53
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	13	0.53
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	13	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	13	0.53
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	13	0.53
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	13	0.53
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	13	0.53
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	13	0.53
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	13	0.53
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	13	0.53
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	13	0.53
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	13	0.53
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	13	0.53
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	13	0.53
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	13	0.53
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	8	0.53
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	8	0.53
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	8	0.53
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	8	0.53
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	8	0.53
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	8	0.53
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	8	0.53
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	8	0.53
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	8	0.53
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	8	0.53
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	8	0.53
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	8	0.53
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	8	0.53
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	8	0.53
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	8	0.53
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	8	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	8	0.53
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	8	0.53
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	8	0.53
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	8	0.53
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	8	0.53
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	8	0.53
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	8	0.53
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	8	0.53
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	8	0.53
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	8	0.53
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	8	0.53
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	8	0.53
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	8	0.53
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	8	0.53
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	8	0.53
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	8	0.53
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	8	0.53
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	8	0.53
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	8	0.53
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	8	0.53
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	8	0.53
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	8	0.53
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	8	0.53
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	8	0.53
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	8	0.53
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	8	0.53
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	8	0.53
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	8	0.53
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	8	0.53
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	8	0.53
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	8	0.53
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	8	0.53
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	8	0.53
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	8	0.53
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	8	0.53
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	8	0.53
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	8	0.53
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	8	0.53
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	7	0.53
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	7	0.53
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	7	0.53
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	7	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	7	0.53
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	7	0.53
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	7	0.53
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	7	0.53
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	7	0.53
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	4	0.53
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	4	0.53
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	4	0.53
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	4	0.53
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	4	0.53
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	4	0.53
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	4	0.53
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	4	0.53
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	4	0.53
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	15	0.53
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	15	0.53
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	15	0.53
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	15	0.53
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	15	0.53
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	15	0.53
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	15	0.53
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	15	0.53
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	15	0.53
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	3	0.53
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	3	0.53
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	3	0.53
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	3	0.53
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	3	0.53
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	3	0.53
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	3	0.53
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	3	0.53
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	3	0.53
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	5	0.53
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	5	0.53
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	5	0.53
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	5	0.53
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	5	0.53
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	5	0.53
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	5	0.53
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	5	0.53
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	5	0.53
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	8	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	8	0.53
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	8	0.53
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	8	0.53
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	8	0.53
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	8	0.53
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	8	0.53
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	8	0.53
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	8	0.53
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	8	0.53
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	8	0.53
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	8	0.53
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	8	0.53
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	8	0.53
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	8	0.53
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	8	0.53
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	8	0.53
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	8	0.53
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	8	0.53
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	8	0.53
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	8	0.53
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	8	0.53
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	8	0.53
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	8	0.53
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	8	0.53
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	8	0.53
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	8	0.53
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	11	0.53
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	11	0.53
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	11	0.53
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	11	0.53
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	11	0.53
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	11	0.53
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	11	0.53
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	11	0.53
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	11	0.53
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	11	0.53
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	11	0.53
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	11	0.53
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	11	0.53
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	11	0.53
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	11	0.53
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	11	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	11	0.53
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	11	0.53
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	11	0.53
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	11	0.53
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	11	0.53
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	11	0.53
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	11	0.53
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	11	0.53
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	11	0.53
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	11	0.53
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	11	0.53
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	20	0.53
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	20	0.53
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	20	0.53
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	20	0.53
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	20	0.53
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	20	0.53
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	20	0.53
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	20	0.53
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	20	0.53
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	20	0.53
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	20	0.53
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	20	0.53
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	20	0.53
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	20	0.53
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	20	0.53
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	20	0.53
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	20	0.53
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	20	0.53
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	20	0.53
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	20	0.53
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	20	0.53
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	20	0.53
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	20	0.53
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	20	0.53
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	20	0.53
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	20	0.53
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	20	0.53
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	6	0.53
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	6	0.53
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	6	0.53
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	6	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	6	0.53
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	6	0.53
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	6	0.53
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	6	0.53
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	6	0.53
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	6	0.53
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	6	0.53
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	6	0.53
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	6	0.53
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	6	0.53
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	6	0.53
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	6	0.53
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	6	0.53
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	6	0.53
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	6	0.53
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	6	0.53
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	6	0.53
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	6	0.53
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	6	0.53
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	6	0.53
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	6	0.53
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	6	0.53
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	6	0.53
(1,237)	1:A:14:TRP:HD1	1:A:10:ILE:HA	6	0.53
(1,237)	1:A:14:TRP:HD1	1:B:10:ILE:HA	6	0.53
(1,237)	1:A:14:TRP:HD1	1:C:10:ILE:HA	6	0.53
(1,237)	1:B:14:TRP:HD1	1:A:10:ILE:HA	6	0.53
(1,237)	1:B:14:TRP:HD1	1:B:10:ILE:HA	6	0.53
(1,237)	1:B:14:TRP:HD1	1:C:10:ILE:HA	6	0.53
(1,237)	1:C:14:TRP:HD1	1:A:10:ILE:HA	6	0.53
(1,237)	1:C:14:TRP:HD1	1:B:10:ILE:HA	6	0.53
(1,237)	1:C:14:TRP:HD1	1:C:10:ILE:HA	6	0.53
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	16	0.53
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	16	0.53
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	16	0.53
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	16	0.53
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	16	0.53
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	16	0.53
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	16	0.53
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	16	0.53
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	16	0.53
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	16	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	16	0.53
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	16	0.53
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	16	0.53
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	16	0.53
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	16	0.53
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	16	0.53
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	16	0.53
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	16	0.53
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	16	0.53
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	16	0.53
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	16	0.53
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	16	0.53
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	16	0.53
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	16	0.53
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	16	0.53
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	16	0.53
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	16	0.53
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	16	0.53
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	16	0.53
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	16	0.53
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	16	0.53
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	16	0.53
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	16	0.53
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	16	0.53
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	16	0.53
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	16	0.53
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	9	0.53
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	9	0.53
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	9	0.53
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	9	0.53
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	9	0.53
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	9	0.53
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	9	0.53
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	9	0.53
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	9	0.53
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	13	0.53
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	13	0.53
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	13	0.53
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	13	0.53
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	13	0.53
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	13	0.53
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	13	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	13	0.53
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	13	0.53
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	13	0.53
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	13	0.53
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	13	0.53
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	13	0.53
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	13	0.53
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	13	0.53
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	13	0.53
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	13	0.53
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	13	0.53
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	13	0.53
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	13	0.53
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	13	0.53
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	13	0.53
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	13	0.53
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	13	0.53
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	13	0.53
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	13	0.53
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	13	0.53
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	2	0.52
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	2	0.52
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	2	0.52
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	2	0.52
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	2	0.52
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	2	0.52
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	2	0.52
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	2	0.52
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	2	0.52
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	2	0.52
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	2	0.52
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	2	0.52
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	2	0.52
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	2	0.52
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	2	0.52
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	2	0.52
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	2	0.52
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	2	0.52
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	2	0.52
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	2	0.52
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	2	0.52
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	2	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	2	0.52
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	2	0.52
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	2	0.52
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	2	0.52
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	2	0.52
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	2	0.52
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	2	0.52
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	2	0.52
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	2	0.52
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB2	3	0.52
(1,81)	1:A:3:PHE:HD1	1:A:2:LEU:HB3	3	0.52
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB2	3	0.52
(1,81)	1:A:3:PHE:HD1	1:B:2:LEU:HB3	3	0.52
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB2	3	0.52
(1,81)	1:A:3:PHE:HD1	1:C:2:LEU:HB3	3	0.52
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB2	3	0.52
(1,81)	1:A:3:PHE:HD2	1:A:2:LEU:HB3	3	0.52
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB2	3	0.52
(1,81)	1:A:3:PHE:HD2	1:B:2:LEU:HB3	3	0.52
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB2	3	0.52
(1,81)	1:A:3:PHE:HD2	1:C:2:LEU:HB3	3	0.52
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB2	3	0.52
(1,81)	1:A:3:PHE:HE1	1:A:2:LEU:HB3	3	0.52
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB2	3	0.52
(1,81)	1:A:3:PHE:HE1	1:B:2:LEU:HB3	3	0.52
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB2	3	0.52
(1,81)	1:A:3:PHE:HE1	1:C:2:LEU:HB3	3	0.52
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB2	3	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:A:3:PHE:HE2	1:A:2:LEU:HB3	3	0.52
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB2	3	0.52
(1,81)	1:A:3:PHE:HE2	1:B:2:LEU:HB3	3	0.52
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB2	3	0.52
(1,81)	1:A:3:PHE:HE2	1:C:2:LEU:HB3	3	0.52
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB2	3	0.52
(1,81)	1:A:3:PHE:HZ	1:A:2:LEU:HB3	3	0.52
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB2	3	0.52
(1,81)	1:A:3:PHE:HZ	1:B:2:LEU:HB3	3	0.52
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB2	3	0.52
(1,81)	1:A:3:PHE:HZ	1:C:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HD1	1:A:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HD1	1:B:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HD1	1:C:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HD2	1:A:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HD2	1:B:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HD2	1:C:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HE1	1:A:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HE1	1:B:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HE1	1:C:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HE2	1:A:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HE2	1:B:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HE2	1:C:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HZ	1:A:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HZ	1:B:2:LEU:HB3	3	0.52
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB2	3	0.52
(1,81)	1:B:3:PHE:HZ	1:C:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB2	3	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:C:3:PHE:HD1	1:A:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB2	3	0.52
(1,81)	1:C:3:PHE:HD1	1:B:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB2	3	0.52
(1,81)	1:C:3:PHE:HD1	1:C:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB2	3	0.52
(1,81)	1:C:3:PHE:HD2	1:A:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB2	3	0.52
(1,81)	1:C:3:PHE:HD2	1:B:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB2	3	0.52
(1,81)	1:C:3:PHE:HD2	1:C:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB2	3	0.52
(1,81)	1:C:3:PHE:HE1	1:A:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB2	3	0.52
(1,81)	1:C:3:PHE:HE1	1:B:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB2	3	0.52
(1,81)	1:C:3:PHE:HE1	1:C:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB2	3	0.52
(1,81)	1:C:3:PHE:HE2	1:A:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB2	3	0.52
(1,81)	1:C:3:PHE:HE2	1:B:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB2	3	0.52
(1,81)	1:C:3:PHE:HE2	1:C:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB2	3	0.52
(1,81)	1:C:3:PHE:HZ	1:A:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB2	3	0.52
(1,81)	1:C:3:PHE:HZ	1:B:2:LEU:HB3	3	0.52
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB2	3	0.52
(1,81)	1:C:3:PHE:HZ	1:C:2:LEU:HB3	3	0.52
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	10	0.52
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	10	0.52
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	10	0.52
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	10	0.52
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	10	0.52
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	10	0.52
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	10	0.52
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	10	0.52
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	10	0.52
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	14	0.52
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	14	0.52
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	14	0.52
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	14	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	14	0.52
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	14	0.52
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	14	0.52
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	14	0.52
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	14	0.52
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	17	0.52
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	17	0.52
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	17	0.52
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	17	0.52
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	17	0.52
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	17	0.52
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	17	0.52
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	17	0.52
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	17	0.52
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	2	0.52
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	2	0.52
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	2	0.52
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	2	0.52
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	2	0.52
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	2	0.52
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	2	0.52
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	2	0.52
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	2	0.52
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	2	0.52
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	2	0.52
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	2	0.52
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	2	0.52
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	2	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	2	0.52
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	2	0.52
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	2	0.52
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	15	0.52
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	15	0.52
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	15	0.52
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	15	0.52
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	15	0.52
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	15	0.52
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	15	0.52
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	15	0.52
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	15	0.52
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	15	0.52
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	15	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	15	0.52
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	15	0.52
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	15	0.52
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	15	0.52
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	15	0.52
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	15	0.52
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	19	0.52
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	19	0.52
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	19	0.52
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	19	0.52
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	19	0.52
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	19	0.52
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	19	0.52
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	19	0.52
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	19	0.52
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	19	0.52
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	19	0.52
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	19	0.52
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	19	0.52
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	19	0.52
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	19	0.52
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	19	0.52
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	19	0.52
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	19	0.52
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	19	0.52
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	19	0.52
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	19	0.52
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	19	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	19	0.52
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	19	0.52
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	19	0.52
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	19	0.52
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	19	0.52
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	19	0.52
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	19	0.52
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	19	0.52
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	19	0.52
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	2	0.52
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	2	0.52
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	2	0.52
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	2	0.52
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	2	0.52
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	2	0.52
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	2	0.52
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	2	0.52
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	2	0.52
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	11	0.52
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	11	0.52
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	11	0.52
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	11	0.52
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	11	0.52
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	11	0.52
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	11	0.52
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	11	0.52
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	11	0.52
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	14	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	14	0.52
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	14	0.52
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	14	0.52
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	14	0.52
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	14	0.52
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	14	0.52
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	14	0.52
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	14	0.52
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	18	0.52
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	18	0.52
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	18	0.52
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	18	0.52
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	18	0.52
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	18	0.52
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	18	0.52
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	18	0.52
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	18	0.52
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	5	0.52
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	5	0.52
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	5	0.52
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	5	0.52
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	5	0.52
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	5	0.52
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	5	0.52
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	5	0.52
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	5	0.52
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	5	0.52
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	5	0.52
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	5	0.52
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	5	0.52
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	5	0.52
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	5	0.52
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	5	0.52
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	5	0.52
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	5	0.52
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	5	0.52
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	5	0.52
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	5	0.52
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	5	0.52
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	5	0.52
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	5	0.52
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	5	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	5	0.52
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	5	0.52
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	7	0.52
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	7	0.52
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	7	0.52
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	7	0.52
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	7	0.52
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	7	0.52
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	7	0.52
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	7	0.52
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	7	0.52
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	7	0.52
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	7	0.52
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	7	0.52
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	7	0.52
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	7	0.52
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	7	0.52
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	7	0.52
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	7	0.52
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	7	0.52
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	7	0.52
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	7	0.52
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	7	0.52
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	7	0.52
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	7	0.52
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	7	0.52
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	7	0.52
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	7	0.52
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	7	0.52
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	18	0.52
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	18	0.52
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	18	0.52
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	18	0.52
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	18	0.52
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	18	0.52
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	18	0.52
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	18	0.52
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	18	0.52
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	18	0.52
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	18	0.52
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	18	0.52
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	18	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	18	0.52
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	18	0.52
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	18	0.52
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	18	0.52
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	18	0.52
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	18	0.52
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	18	0.52
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	18	0.52
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	18	0.52
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	18	0.52
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	18	0.52
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	18	0.52
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	18	0.52
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	18	0.52
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	15	0.52
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	15	0.52
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	15	0.52
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	15	0.52
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	15	0.52
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	15	0.52
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	15	0.52
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	15	0.52
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	15	0.52
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	15	0.52
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	15	0.52
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	15	0.52
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	15	0.52
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	15	0.52
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	15	0.52
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	15	0.52
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	15	0.52
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	15	0.52
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	15	0.52
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	15	0.52
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	15	0.52
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	15	0.52
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	15	0.52
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	15	0.52
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	15	0.52
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	15	0.52
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	15	0.52
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	14	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	14	0.52
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	14	0.52
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	14	0.52
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	14	0.52
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	14	0.52
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	14	0.52
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	14	0.52
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	14	0.52
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	14	0.52
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	14	0.52
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	14	0.52
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	14	0.52
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	14	0.52
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	14	0.52
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	14	0.52
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	14	0.52
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	14	0.52
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	14	0.52
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	14	0.52
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	14	0.52
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	14	0.52
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	14	0.52
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	14	0.52
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	14	0.52
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	14	0.52
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	14	0.52
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	14	0.52
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	14	0.52
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	14	0.52
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	14	0.52
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	14	0.52
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	14	0.52
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	14	0.52
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	14	0.52
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	14	0.52
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	4	0.52
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	4	0.52
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	4	0.52
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	4	0.52
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	4	0.52
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	4	0.52
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	4	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	4	0.52
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	4	0.52
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	18	0.52
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	18	0.52
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	18	0.52
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	18	0.52
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	18	0.52
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	18	0.52
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	18	0.52
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	18	0.52
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	18	0.52
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	1	0.52
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	1	0.52
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	1	0.52
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	1	0.52
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	1	0.52
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	1	0.52
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	1	0.52
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	1	0.52
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	1	0.52
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	1	0.52
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	1	0.52
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	1	0.52
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	1	0.52
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	1	0.52
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	1	0.52
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	1	0.52
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	1	0.52
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	1	0.52
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	3	0.52
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	3	0.52
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	3	0.52
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	3	0.52
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	3	0.52
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	3	0.52
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	3	0.52
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	3	0.52
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	3	0.52
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	3	0.52
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	3	0.52
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	3	0.52
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	3	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	3	0.52
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	3	0.52
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	3	0.52
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	3	0.52
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	3	0.52
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	5	0.51
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	5	0.51
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	5	0.51
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	5	0.51
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	5	0.51
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	5	0.51
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	5	0.51
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	5	0.51
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	5	0.51
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	13	0.51
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	13	0.51
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	13	0.51
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	13	0.51
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	13	0.51
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	13	0.51
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	13	0.51
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	13	0.51
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	13	0.51
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	12	0.51
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	12	0.51
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	12	0.51
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	12	0.51
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	12	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	12	0.51
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	12	0.51
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	12	0.51
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	12	0.51
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	12	0.51
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	12	0.51
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	12	0.51
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	12	0.51
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	12	0.51
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	12	0.51
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	12	0.51
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	12	0.51
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	19	0.51
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	19	0.51
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	19	0.51
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	19	0.51
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	19	0.51
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	19	0.51
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	19	0.51
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	19	0.51
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	19	0.51
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	19	0.51
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	19	0.51
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	19	0.51
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	19	0.51
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	19	0.51
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	19	0.51
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	19	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	19	0.51
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	19	0.51
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	19	0.51
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	19	0.51
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	19	0.51
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	19	0.51
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	19	0.51
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	19	0.51
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	19	0.51
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	19	0.51
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	19	0.51
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	19	0.51
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	19	0.51
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	19	0.51
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	19	0.51
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	16	0.51
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	16	0.51
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	16	0.51
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	16	0.51
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	16	0.51
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	16	0.51
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	16	0.51
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	16	0.51
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	16	0.51
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	3	0.51
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	3	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	3	0.51
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	3	0.51
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	3	0.51
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	3	0.51
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	3	0.51
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	3	0.51
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	3	0.51
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	3	0.51
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	3	0.51
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	3	0.51
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	3	0.51
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	3	0.51
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	3	0.51
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	3	0.51
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	3	0.51
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	3	0.51
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	3	0.51
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	3	0.51
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	3	0.51
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	3	0.51
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	3	0.51
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	3	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	3	0.51
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	3	0.51
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	3	0.51
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	3	0.51
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	3	0.51
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	3	0.51
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	3	0.51
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	3	0.51
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	3	0.51
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	3	0.51
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	3	0.51
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	3	0.51
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	3	0.51
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	3	0.51
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	3	0.51
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	3	0.51
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	3	0.51
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	3	0.51
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	3	0.51
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	3	0.51
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	3	0.51
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	3	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	3	0.51
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	3	0.51
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	19	0.51
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	19	0.51
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	19	0.51
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	19	0.51
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	19	0.51
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	19	0.51
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	19	0.51
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	19	0.51
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	19	0.51
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	19	0.51
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	19	0.51
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	19	0.51
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	19	0.51
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	19	0.51
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	19	0.51
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	19	0.51
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	19	0.51
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	19	0.51
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	19	0.51
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	19	0.51
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	19	0.51
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	19	0.51
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	19	0.51
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	19	0.51
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	19	0.51
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	19	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	19	0.51
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	19	0.51
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	19	0.51
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	19	0.51
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	19	0.51
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	18	0.51
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	18	0.51
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	18	0.51
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	18	0.51
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	18	0.51
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	18	0.51
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	18	0.51
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	18	0.51
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	18	0.51
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	18	0.51
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	18	0.51
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	18	0.51
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	18	0.51
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	18	0.51
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	18	0.51
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	18	0.51
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	18	0.51
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	18	0.51
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	18	0.51
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	18	0.51
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	18	0.51
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	18	0.51
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	18	0.51
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	18	0.51
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	18	0.51
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	18	0.51
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	18	0.51
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	17	0.51
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	17	0.51
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	17	0.51
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	17	0.51
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	17	0.51
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	17	0.51
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	17	0.51
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	17	0.51
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	17	0.51
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD11	3	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD12	3	0.51
(1,261)	1:A:14:TRP:HD1	1:A:18:ILE:HD13	3	0.51
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD11	3	0.51
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD12	3	0.51
(1,261)	1:A:14:TRP:HD1	1:B:18:ILE:HD13	3	0.51
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD11	3	0.51
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD12	3	0.51
(1,261)	1:A:14:TRP:HD1	1:C:18:ILE:HD13	3	0.51
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD11	3	0.51
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD12	3	0.51
(1,261)	1:B:14:TRP:HD1	1:A:18:ILE:HD13	3	0.51
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD11	3	0.51
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD12	3	0.51
(1,261)	1:B:14:TRP:HD1	1:B:18:ILE:HD13	3	0.51
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD11	3	0.51
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD12	3	0.51
(1,261)	1:B:14:TRP:HD1	1:C:18:ILE:HD13	3	0.51
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD11	3	0.51
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD12	3	0.51
(1,261)	1:C:14:TRP:HD1	1:A:18:ILE:HD13	3	0.51
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD11	3	0.51
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD12	3	0.51
(1,261)	1:C:14:TRP:HD1	1:B:18:ILE:HD13	3	0.51
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD11	3	0.51
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD12	3	0.51
(1,261)	1:C:14:TRP:HD1	1:C:18:ILE:HD13	3	0.51
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	1	0.51
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	1	0.51
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	1	0.51
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	1	0.51
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	1	0.51
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	1	0.51
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	1	0.51
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	1	0.51
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	1	0.51
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	1	0.51
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	1	0.51
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	1	0.51
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	1	0.51
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	1	0.51
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	1	0.51
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	1	0.51
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	1	0.51
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	1	0.51
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	1	0.51
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	1	0.51
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	1	0.51
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	1	0.51
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	1	0.51
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	1	0.51
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	1	0.51
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	1	0.51
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	17	0.51
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	17	0.51
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	17	0.51
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	17	0.51
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	17	0.51
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	17	0.51
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	17	0.51
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	17	0.51
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	17	0.51
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	17	0.51
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	17	0.51
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	17	0.51
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	17	0.51
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	17	0.51
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	17	0.51
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	17	0.51
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	17	0.51
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	17	0.51
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	17	0.51
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	17	0.51
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	17	0.51
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	17	0.51
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	17	0.51
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	17	0.51
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	17	0.51
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	17	0.51
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	17	0.51
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	19	0.51
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	19	0.51
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	19	0.51
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	19	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	19	0.51
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	19	0.51
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	19	0.51
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	19	0.51
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	19	0.51
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	19	0.51
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	19	0.51
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	19	0.51
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	19	0.51
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	19	0.51
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	19	0.51
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	19	0.51
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	19	0.51
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	19	0.51
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	19	0.51
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	19	0.51
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	19	0.51
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	19	0.51
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	19	0.51
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	19	0.51
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	19	0.51
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	19	0.51
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	19	0.51
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	11	0.51
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	11	0.51
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	11	0.51
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	11	0.51
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	11	0.51
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	11	0.51
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	11	0.51
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	11	0.51
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	11	0.51
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	7	0.5
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	7	0.5
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	7	0.5
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	7	0.5
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	7	0.5
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	7	0.5
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	7	0.5
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	7	0.5
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	7	0.5
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	11	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	11	0.5
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	11	0.5
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	11	0.5
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	11	0.5
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	11	0.5
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	11	0.5
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	11	0.5
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	11	0.5
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	14	0.5
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	14	0.5
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	14	0.5
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	14	0.5
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	14	0.5
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	14	0.5
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	14	0.5
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	14	0.5
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	14	0.5
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	6	0.5
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	6	0.5
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	6	0.5
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	6	0.5
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	6	0.5
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	6	0.5
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	6	0.5
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	6	0.5
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	6	0.5
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	6	0.5
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	6	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	6	0.5
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	6	0.5
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	6	0.5
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	6	0.5
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	6	0.5
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	6	0.5
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	17	0.5
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	17	0.5
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	17	0.5
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	17	0.5
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	17	0.5
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	17	0.5
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	17	0.5
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	17	0.5
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	17	0.5
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	17	0.5
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	17	0.5
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	17	0.5
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	17	0.5
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	17	0.5
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	17	0.5
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	17	0.5
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	17	0.5
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	17	0.5
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	17	0.5
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	17	0.5
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	17	0.5
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	17	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	17	0.5
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	17	0.5
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	17	0.5
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	17	0.5
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	17	0.5
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	17	0.5
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	17	0.5
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	17	0.5
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	17	0.5
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	9	0.5
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	9	0.5
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	9	0.5
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	9	0.5
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	9	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	9	0.5
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	9	0.5
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	9	0.5
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	9	0.5
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	9	0.5
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	9	0.5
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	9	0.5
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	9	0.5
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	9	0.5
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	9	0.5
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	9	0.5
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	9	0.5
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	11	0.5
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	11	0.5
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	11	0.5
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	11	0.5
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	11	0.5
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	11	0.5
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	11	0.5
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	11	0.5
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	11	0.5
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	11	0.5
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	11	0.5
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	11	0.5
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	11	0.5
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	11	0.5
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	11	0.5
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	11	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	11	0.5
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	11	0.5
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	11	0.5
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	11	0.5
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	11	0.5
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	11	0.5
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	11	0.5
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	11	0.5
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	11	0.5
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	11	0.5
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	11	0.5
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	11	0.5
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	11	0.5
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	11	0.5
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	11	0.5
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	3	0.5
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	3	0.5
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	3	0.5
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	3	0.5
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	3	0.5
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	3	0.5
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	3	0.5
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	3	0.5
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	3	0.5
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	3	0.5
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	3	0.5
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	3	0.5
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	3	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	3	0.5
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	3	0.5
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	3	0.5
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	3	0.5
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	3	0.5
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	3	0.5
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	3	0.5
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	3	0.5
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	3	0.5
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	3	0.5
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	3	0.5
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	3	0.5
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	3	0.5
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	3	0.5
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	14	0.5
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	14	0.5
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	14	0.5
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	14	0.5
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	14	0.5
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	14	0.5
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	14	0.5
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	14	0.5
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	14	0.5
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	14	0.5
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	14	0.5
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	14	0.5
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	14	0.5
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	14	0.5
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	14	0.5
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	14	0.5
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	14	0.5
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	14	0.5
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	14	0.5
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	14	0.5
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	14	0.5
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	14	0.5
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	14	0.5
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	14	0.5
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	14	0.5
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	14	0.5
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	14	0.5
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	14	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	14	0.5
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	14	0.5
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	14	0.5
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	7	0.5
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	7	0.5
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	7	0.5
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	7	0.5
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	7	0.5
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	7	0.5
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	7	0.5
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	7	0.5
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	7	0.5
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	7	0.5
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	7	0.5
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	7	0.5
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	7	0.5
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	7	0.5
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	7	0.5
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	7	0.5
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	7	0.5
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	7	0.5
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	7	0.5
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	7	0.5
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	7	0.5
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	7	0.5
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	7	0.5
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	7	0.5
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	7	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	7	0.5
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	7	0.5
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	7	0.5
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	7	0.5
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	7	0.5
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	7	0.5
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	7	0.5
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	7	0.5
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	7	0.5
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	7	0.5
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	7	0.5
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	7	0.5
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	7	0.5
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	7	0.5
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	7	0.5
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	7	0.5
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	7	0.5
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	7	0.5
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	7	0.5
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	7	0.5
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	7	0.5
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	7	0.5
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	7	0.5
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	7	0.5
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	7	0.5
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	7	0.5
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	7	0.5
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	7	0.5
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	7	0.5
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	20	0.5
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	20	0.5
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	20	0.5
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	20	0.5
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	20	0.5
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	20	0.5
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	20	0.5
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	20	0.5
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	20	0.5
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	20	0.5
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	20	0.5
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	20	0.5
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	20	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	20	0.5
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	20	0.5
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	20	0.5
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	20	0.5
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	20	0.5
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	20	0.5
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	20	0.5
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	20	0.5
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	20	0.5
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	20	0.5
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	20	0.5
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	20	0.5
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	20	0.5
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	20	0.5
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	20	0.5
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	20	0.5
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	20	0.5
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	20	0.5
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	20	0.5
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	20	0.5
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	20	0.5
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	20	0.5
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	20	0.5
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	20	0.5
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	20	0.5
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	20	0.5
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	20	0.5
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	20	0.5
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	20	0.5
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	20	0.5
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	20	0.5
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	20	0.5
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	20	0.5
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	20	0.5
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	20	0.5
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	20	0.5
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	20	0.5
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	20	0.5
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	20	0.5
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	20	0.5
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	20	0.5
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	1	0.5
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	1	0.5
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	1	0.5
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	1	0.5
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	1	0.5
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	1	0.5
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	1	0.5
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	1	0.5
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	14	0.5
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	14	0.5
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	14	0.5
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	14	0.5
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	14	0.5
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	14	0.5
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	14	0.5
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	14	0.5
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	14	0.5
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	14	0.5
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	14	0.5
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	14	0.5
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	14	0.5
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	14	0.5
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	14	0.5
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	14	0.5
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	14	0.5
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	14	0.5
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	14	0.5
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	14	0.5
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	14	0.5
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	14	0.5
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	14	0.5
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	14	0.5
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	14	0.5
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	14	0.5
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	14	0.5
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	19	0.5
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	19	0.5
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	19	0.5
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	19	0.5
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	19	0.5
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	19	0.5
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	19	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	19	0.5
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	19	0.5
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	3	0.5
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	3	0.5
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	3	0.5
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	3	0.5
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	3	0.5
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	3	0.5
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	3	0.5
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	3	0.5
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	3	0.5
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	3	0.5
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	3	0.5
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	3	0.5
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	3	0.5
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	3	0.5
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	3	0.5
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	3	0.5
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	3	0.5
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	3	0.5
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	3	0.5
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	3	0.5
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	3	0.5
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	3	0.5
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	3	0.5
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	3	0.5
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	3	0.5
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	3	0.5
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	3	0.5
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	9	0.5
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	9	0.5
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	9	0.5
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	9	0.5
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	9	0.5
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	9	0.5
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	9	0.5
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	9	0.5
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	9	0.5
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	9	0.5
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	9	0.5
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	9	0.5
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	9	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	9	0.5
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	9	0.5
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	9	0.5
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	9	0.5
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	9	0.5
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	9	0.5
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	9	0.5
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	9	0.5
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	9	0.5
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	9	0.5
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	9	0.5
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	9	0.5
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	9	0.5
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	9	0.5
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	11	0.5
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	11	0.5
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	11	0.5
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	11	0.5
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	11	0.5
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	11	0.5
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	11	0.5
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	11	0.5
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	11	0.5
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	11	0.5
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	11	0.5
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	11	0.5
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	11	0.5
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	11	0.5
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	11	0.5
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	11	0.5
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	11	0.5
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	11	0.5
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	11	0.5
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	11	0.5
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	11	0.5
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	11	0.5
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	11	0.5
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	11	0.5
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	11	0.5
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	11	0.5
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	11	0.5
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	1	0.5
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	1	0.5
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	1	0.5
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	1	0.5
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	1	0.5
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	1	0.5
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	1	0.5
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	1	0.5
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	1	0.5
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	1	0.5
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	1	0.5
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	1	0.5
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	1	0.5
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	1	0.5
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	1	0.5
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	1	0.5
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	1	0.5
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	1	0.5
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	1	0.5
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	1	0.5
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	1	0.5
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	1	0.5
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	1	0.5
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	1	0.5
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	1	0.5
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	1	0.5
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	6	0.5
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	6	0.5
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	6	0.5
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	6	0.5
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	6	0.5
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	6	0.5
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	6	0.5
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	6	0.5
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	6	0.5
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	6	0.5
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	6	0.5
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	6	0.5
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	6	0.5
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	6	0.5
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	6	0.5
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	6	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	6	0.5
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	6	0.5
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	6	0.5
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	6	0.5
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	6	0.5
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	6	0.5
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	6	0.5
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	6	0.5
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	6	0.5
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	6	0.5
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	6	0.5
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	17	0.5
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	17	0.5
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	17	0.5
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	17	0.5
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	17	0.5
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	17	0.5
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	17	0.5
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	17	0.5
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	17	0.5
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	17	0.5
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	17	0.5
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	17	0.5
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	17	0.5
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	17	0.5
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	17	0.5
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	17	0.5
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	17	0.5
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	17	0.5
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	20	0.5
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	20	0.5
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	20	0.5
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	20	0.5
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	20	0.5
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	20	0.5
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	20	0.5
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	20	0.5
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	20	0.5
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	20	0.5
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	20	0.5
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	20	0.5
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	20	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	20	0.5
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	20	0.5
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	20	0.5
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	20	0.5
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	20	0.5
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	20	0.5
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	20	0.5
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	20	0.5
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	20	0.5
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	20	0.5
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	20	0.5
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	20	0.5
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	20	0.5
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	20	0.5
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	20	0.5
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	20	0.5
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	20	0.5
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	20	0.5
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	20	0.5
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	20	0.5
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	20	0.5
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	20	0.5
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	20	0.5
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	20	0.5
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	20	0.5
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	20	0.5
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	20	0.5
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	20	0.5
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	20	0.5
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	20	0.5
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	20	0.5
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	20	0.5
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	18	0.5
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	18	0.5
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	18	0.5
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	18	0.5
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	18	0.5
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	18	0.5
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	18	0.5
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	18	0.5
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	18	0.5
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	18	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	18	0.5
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	18	0.5
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	18	0.5
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	18	0.5
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	18	0.5
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	18	0.5
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	18	0.5
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	18	0.5
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	14	0.49
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	14	0.49
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	14	0.49
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	14	0.49
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	14	0.49
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	14	0.49
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	14	0.49
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	14	0.49
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	14	0.49
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	18	0.49
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	18	0.49
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	18	0.49
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	18	0.49
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	18	0.49
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	18	0.49
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	18	0.49
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	18	0.49
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	18	0.49
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	4	0.49
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	4	0.49
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	4	0.49
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	4	0.49
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	4	0.49
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	4	0.49
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	4	0.49
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	4	0.49
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	4	0.49
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	15	0.49
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	15	0.49
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	15	0.49
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	15	0.49
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	15	0.49
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	15	0.49
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	15	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	15	0.49
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	15	0.49
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	15	0.49
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	15	0.49
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	15	0.49
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	15	0.49
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	15	0.49
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	15	0.49
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	15	0.49
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	15	0.49
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	15	0.49
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	15	0.49
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	15	0.49
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	15	0.49
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	15	0.49
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	15	0.49
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	15	0.49
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	15	0.49
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	15	0.49
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	15	0.49
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	7	0.49
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	7	0.49
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	7	0.49
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	7	0.49
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	7	0.49
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	7	0.49
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	7	0.49
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	7	0.49
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	7	0.49
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	7	0.49
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	7	0.49
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	7	0.49
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	7	0.49
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	7	0.49
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	7	0.49
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	7	0.49
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	7	0.49
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	7	0.49
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	7	0.49
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	7	0.49
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	7	0.49
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	7	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	7	0.49
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	7	0.49
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	7	0.49
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	7	0.49
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	7	0.49
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	7	0.49
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	7	0.49
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	7	0.49
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	7	0.49
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	17	0.49
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	17	0.49
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	17	0.49
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	17	0.49
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	17	0.49
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	17	0.49
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	17	0.49
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	17	0.49
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	17	0.49
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	5	0.49
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	5	0.49
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	5	0.49
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	5	0.49
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	5	0.49
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	5	0.49
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	5	0.49
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	5	0.49
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	5	0.49
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	9	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	9	0.49
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	9	0.49
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	9	0.49
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	9	0.49
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	9	0.49
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	9	0.49
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	9	0.49
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	9	0.49
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	20	0.49
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	20	0.49
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	20	0.49
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	20	0.49
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	20	0.49
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	20	0.49
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	20	0.49
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	20	0.49
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	20	0.49
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	2	0.49
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	2	0.49
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	2	0.49
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	2	0.49
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	2	0.49
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	2	0.49
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	2	0.49
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	2	0.49
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	2	0.49
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	16	0.49
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	16	0.49
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	16	0.49
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	16	0.49
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	16	0.49
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	16	0.49
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	16	0.49
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	16	0.49
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	16	0.49
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	4	0.49
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	4	0.49
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	4	0.49
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	4	0.49
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	4	0.49
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	4	0.49
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	4	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	4	0.49
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	4	0.49
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	4	0.49
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	4	0.49
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	4	0.49
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	4	0.49
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	4	0.49
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	4	0.49
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	4	0.49
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	4	0.49
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	4	0.49
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	4	0.49
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	4	0.49
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	4	0.49
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	4	0.49
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	4	0.49
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	4	0.49
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	4	0.49
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	4	0.49
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	4	0.49
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE1	10	0.49
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE2	10	0.49
(1,259)	1:A:21:TRP:HZ3	1:A:17:MET:HE3	10	0.49
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE1	10	0.49
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE2	10	0.49
(1,259)	1:A:21:TRP:HZ3	1:B:17:MET:HE3	10	0.49
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE1	10	0.49
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE2	10	0.49
(1,259)	1:A:21:TRP:HZ3	1:C:17:MET:HE3	10	0.49
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE1	10	0.49
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE2	10	0.49
(1,259)	1:B:21:TRP:HZ3	1:A:17:MET:HE3	10	0.49
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE1	10	0.49
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE2	10	0.49
(1,259)	1:B:21:TRP:HZ3	1:B:17:MET:HE3	10	0.49
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE1	10	0.49
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE2	10	0.49
(1,259)	1:B:21:TRP:HZ3	1:C:17:MET:HE3	10	0.49
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE1	10	0.49
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE2	10	0.49
(1,259)	1:C:21:TRP:HZ3	1:A:17:MET:HE3	10	0.49
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE1	10	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE2	10	0.49
(1,259)	1:C:21:TRP:HZ3	1:B:17:MET:HE3	10	0.49
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE1	10	0.49
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE2	10	0.49
(1,259)	1:C:21:TRP:HZ3	1:C:17:MET:HE3	10	0.49
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	17	0.49
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	17	0.49
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	17	0.49
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	17	0.49
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	17	0.49
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	17	0.49
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	17	0.49
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	17	0.49
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	17	0.49
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	17	0.49
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	17	0.49
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	17	0.49
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	17	0.49
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	17	0.49
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	17	0.49
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	17	0.49
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	17	0.49
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	17	0.49
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	17	0.49
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	17	0.49
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	17	0.49
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	17	0.49
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	17	0.49
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	17	0.49
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	17	0.49
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	17	0.49
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	17	0.49
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	11	0.49
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	11	0.49
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	11	0.49
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	11	0.49
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	11	0.49
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	11	0.49
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	11	0.49
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	11	0.49
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	11	0.49
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	11	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	11	0.49
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	11	0.49
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	11	0.49
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	11	0.49
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	11	0.49
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	11	0.49
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	11	0.49
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	11	0.49
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	4	0.49
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	4	0.49
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	4	0.49
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	4	0.49
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	4	0.49
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	4	0.49
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	4	0.49
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	4	0.49
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	4	0.49
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	4	0.49
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	4	0.49
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	4	0.49
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	4	0.49
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	4	0.49
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	4	0.49
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	4	0.49
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	4	0.49
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	4	0.49
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	4	0.49
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	4	0.49
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	4	0.49
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	4	0.49
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	4	0.49
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	4	0.49
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	4	0.49
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	4	0.49
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	4	0.49
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	4	0.49
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	4	0.49
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	4	0.49
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	4	0.49
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	4	0.49
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	4	0.49
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	4	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	4	0.49
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	4	0.49
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	15	0.49
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	15	0.49
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	15	0.49
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	15	0.49
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	15	0.49
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	15	0.49
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	15	0.49
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	15	0.49
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	15	0.49
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	15	0.49
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	15	0.49
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	15	0.49
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	15	0.49
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	15	0.49
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	15	0.49
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	15	0.49
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	15	0.49
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	15	0.49
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	15	0.49
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	15	0.49
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	15	0.49
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	15	0.49
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	15	0.49
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	15	0.49
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	15	0.49
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	15	0.49
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	15	0.49
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	15	0.49
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	15	0.49
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	15	0.49
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	15	0.49
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	15	0.49
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	15	0.49
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	15	0.49
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	15	0.49
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	15	0.49
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	1	0.49
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	1	0.49
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	1	0.49
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	1	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	1	0.49
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	1	0.49
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	1	0.49
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	1	0.49
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	1	0.49
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	2	0.49
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	2	0.49
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	2	0.49
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	2	0.49
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	2	0.49
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	2	0.49
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	2	0.49
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	2	0.49
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	2	0.49
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	12	0.49
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	12	0.49
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	12	0.49
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	12	0.49
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	12	0.49
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	12	0.49
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	12	0.49
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	12	0.49
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	12	0.49
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	15	0.49
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	15	0.49
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	15	0.49
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	15	0.49
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	15	0.49
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	15	0.49
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	15	0.49
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	15	0.49
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	15	0.49
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	9	0.49
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	9	0.49
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	9	0.49
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	9	0.49
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	9	0.49
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	9	0.49
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	9	0.49
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	9	0.49
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	9	0.49
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	9	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	9	0.49
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	9	0.49
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	9	0.49
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	9	0.49
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	9	0.49
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	9	0.49
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	9	0.49
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	9	0.49
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	4	0.48
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	4	0.48
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	4	0.48
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	4	0.48
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	4	0.48
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	4	0.48
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	4	0.48
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	4	0.48
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	4	0.48
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	4	0.48
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	4	0.48
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	4	0.48
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	4	0.48
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	4	0.48
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	4	0.48
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	4	0.48
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	4	0.48
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	4	0.48
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	6	0.48
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	6	0.48
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	6	0.48
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	6	0.48
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	6	0.48
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	6	0.48
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	6	0.48
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	6	0.48
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	6	0.48
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	6	0.48
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	6	0.48
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	6	0.48
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	6	0.48
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	6	0.48
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	6	0.48
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	6	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	6	0.48
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	6	0.48
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	9	0.48
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	9	0.48
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	9	0.48
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	9	0.48
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	9	0.48
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	9	0.48
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	9	0.48
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	9	0.48
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	9	0.48
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	9	0.48
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	9	0.48
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	9	0.48
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	9	0.48
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	9	0.48
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	9	0.48
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	9	0.48
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	9	0.48
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	9	0.48
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	15	0.48
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	15	0.48
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	15	0.48
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	15	0.48
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	15	0.48
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	15	0.48
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	15	0.48
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	15	0.48
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	15	0.48
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	17	0.48
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	17	0.48
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	17	0.48
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	17	0.48
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	17	0.48
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	17	0.48
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	17	0.48
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	17	0.48
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	17	0.48
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	17	0.48
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	17	0.48
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	17	0.48
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	17	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	17	0.48
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	17	0.48
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	17	0.48
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	17	0.48
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	10	0.48
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	10	0.48
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	10	0.48
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	10	0.48
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	10	0.48
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	10	0.48
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	10	0.48
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	10	0.48
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	10	0.48
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	10	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	10	0.48
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	10	0.48
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	10	0.48
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	10	0.48
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	10	0.48
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	10	0.48
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	10	0.48
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	14	0.48
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	14	0.48
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	14	0.48
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	14	0.48
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	14	0.48
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	14	0.48
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	14	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	14	0.48
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	14	0.48
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	14	0.48
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	14	0.48
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	14	0.48
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	14	0.48
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	14	0.48
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	14	0.48
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	14	0.48
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	14	0.48
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	14	0.48
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	14	0.48
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	14	0.48
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	14	0.48
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	14	0.48
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	14	0.48
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	14	0.48
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	14	0.48
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	14	0.48
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	14	0.48
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	14	0.48
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	14	0.48
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	14	0.48
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	14	0.48
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	14	0.48
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	14	0.48
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	14	0.48
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	14	0.48
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	14	0.48
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	14	0.48
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	14	0.48
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	14	0.48
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	14	0.48
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	14	0.48
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	14	0.48
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	14	0.48
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	14	0.48
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	14	0.48
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	14	0.48
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	14	0.48
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	14	0.48
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	14	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	14	0.48
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	14	0.48
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	14	0.48
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	14	0.48
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	14	0.48
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	6	0.48
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	6	0.48
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	6	0.48
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	6	0.48
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	6	0.48
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	6	0.48
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	6	0.48
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	6	0.48
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	6	0.48
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	10	0.48
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	10	0.48
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	10	0.48
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	10	0.48
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	10	0.48
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	10	0.48
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	10	0.48
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	10	0.48
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	10	0.48
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	12	0.48
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	12	0.48
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	12	0.48
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	12	0.48
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	12	0.48
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	12	0.48
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	12	0.48
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	12	0.48
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	12	0.48
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	12	0.48
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	12	0.48
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	12	0.48
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	12	0.48
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	12	0.48
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	12	0.48
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	12	0.48
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	12	0.48
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	12	0.48
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	12	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	12	0.48
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	12	0.48
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	12	0.48
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	12	0.48
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	12	0.48
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	12	0.48
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	12	0.48
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	12	0.48
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	6	0.48
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	6	0.48
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	6	0.48
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	6	0.48
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	6	0.48
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	6	0.48
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	6	0.48
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	6	0.48
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	6	0.48
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	6	0.48
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	6	0.48
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	6	0.48
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	6	0.48
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	6	0.48
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	6	0.48
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	6	0.48
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	6	0.48
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	6	0.48
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	8	0.48
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	8	0.48
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	8	0.48
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	8	0.48
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	8	0.48
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	8	0.48
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	8	0.48
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	8	0.48
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	8	0.48
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	8	0.48
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	8	0.48
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	8	0.48
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	8	0.48
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	8	0.48
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	8	0.48
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	8	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	8	0.48
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	8	0.48
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	12	0.48
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	12	0.48
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	12	0.48
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	12	0.48
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	12	0.48
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	12	0.48
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	12	0.48
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	12	0.48
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	12	0.48
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	12	0.48
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	12	0.48
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	12	0.48
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	12	0.48
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	12	0.48
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	12	0.48
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	12	0.48
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	12	0.48
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	12	0.48
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	20	0.48
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	20	0.48
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	20	0.48
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	20	0.48
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	20	0.48
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	20	0.48
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	20	0.48
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	20	0.48
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	20	0.48
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	20	0.48
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	20	0.48
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	20	0.48
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	20	0.48
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	20	0.48
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	20	0.48
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	20	0.48
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	20	0.48
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	20	0.48
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	8	0.48
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	8	0.48
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	8	0.48
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	8	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	8	0.48
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	8	0.48
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	8	0.48
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	8	0.48
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	8	0.48
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	8	0.48
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	8	0.48
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	8	0.48
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	8	0.48
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	8	0.48
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	8	0.48
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	8	0.48
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	8	0.48
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	8	0.48
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	8	0.48
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	8	0.48
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	8	0.48
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	8	0.48
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	8	0.48
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	8	0.48
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	8	0.48
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	8	0.48
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	8	0.48
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	6	0.48
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	6	0.48
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	6	0.48
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	6	0.48
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	6	0.48
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	6	0.48
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	6	0.48
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	6	0.48
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	6	0.48
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	8	0.48
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	8	0.48
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	8	0.48
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	8	0.48
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	8	0.48
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	8	0.48
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	8	0.48
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	8	0.48
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	8	0.48
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	13	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	13	0.48
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	13	0.48
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	13	0.48
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	13	0.48
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	13	0.48
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	13	0.48
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	13	0.48
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	13	0.48
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	17	0.48
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	17	0.48
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	17	0.48
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	17	0.48
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	17	0.48
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	17	0.48
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	17	0.48
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	17	0.48
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	17	0.48
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	18	0.48
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	18	0.48
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	18	0.48
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	18	0.48
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	18	0.48
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	18	0.48
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	18	0.48
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	18	0.48
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	18	0.48
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	8	0.48
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	8	0.48
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	8	0.48
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	8	0.48
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	8	0.48
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	8	0.48
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	8	0.48
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	8	0.48
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	8	0.48
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	17	0.48
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	17	0.48
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	17	0.48
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	17	0.48
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	17	0.48
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	17	0.48
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	17	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	17	0.48
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	17	0.48
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	19	0.48
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	19	0.48
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	19	0.48
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	19	0.48
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	19	0.48
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	19	0.48
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	19	0.48
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	19	0.48
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	19	0.48
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	6	0.48
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	6	0.48
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	6	0.48
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	6	0.48
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	6	0.48
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	6	0.48
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	6	0.48
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	6	0.48
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	6	0.48
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	6	0.48
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	6	0.48
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	6	0.48
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	6	0.48
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	6	0.48
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	6	0.48
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	6	0.48
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	6	0.48
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	6	0.48
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	7	0.47
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	7	0.47
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	7	0.47
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	7	0.47
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	7	0.47
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	7	0.47
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	7	0.47
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	7	0.47
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	7	0.47
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	7	0.47
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	7	0.47
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	7	0.47
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	7	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	7	0.47
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	7	0.47
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	7	0.47
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	7	0.47
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	7	0.47
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	1	0.47
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	1	0.47
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	1	0.47
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	1	0.47
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	1	0.47
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	1	0.47
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	1	0.47
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	1	0.47
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	1	0.47
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	2	0.47
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	2	0.47
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	2	0.47
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	2	0.47
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	2	0.47
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	2	0.47
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	2	0.47
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	2	0.47
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	2	0.47
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	16	0.47
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	16	0.47
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	16	0.47
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	16	0.47
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	16	0.47
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	16	0.47
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	16	0.47
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	16	0.47
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	16	0.47
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	9	0.47
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	9	0.47
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	9	0.47
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	9	0.47
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	9	0.47
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	9	0.47
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	9	0.47
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	9	0.47
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	9	0.47
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	12	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	12	0.47
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	12	0.47
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	12	0.47
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	12	0.47
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	12	0.47
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	12	0.47
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	12	0.47
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	12	0.47
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	12	0.47
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	12	0.47
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	12	0.47
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	12	0.47
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	12	0.47
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	12	0.47
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	12	0.47
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	12	0.47
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	12	0.47
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	12	0.47
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	12	0.47
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	12	0.47
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	12	0.47
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	12	0.47
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	12	0.47
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	12	0.47
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	12	0.47
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	12	0.47
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	12	0.47
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	12	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	12	0.47
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	12	0.47
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	18	0.47
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	18	0.47
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	18	0.47
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	18	0.47
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	18	0.47
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	18	0.47
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	18	0.47
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	18	0.47
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	18	0.47
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	18	0.47
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	18	0.47
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	18	0.47
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	18	0.47
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	18	0.47
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	18	0.47
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	18	0.47
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	18	0.47
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	18	0.47
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	18	0.47
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	18	0.47
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	18	0.47
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	18	0.47
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	18	0.47
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	18	0.47
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	18	0.47
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	18	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	18	0.47
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	18	0.47
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	18	0.47
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	18	0.47
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	18	0.47
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	5	0.47
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	5	0.47
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	5	0.47
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	5	0.47
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	5	0.47
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	5	0.47
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	5	0.47
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	5	0.47
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	5	0.47
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	5	0.47
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	5	0.47
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	5	0.47
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	5	0.47
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	5	0.47
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	5	0.47
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	5	0.47
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	5	0.47
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	5	0.47
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	5	0.47
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	5	0.47
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	5	0.47
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	5	0.47
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	5	0.47
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	5	0.47
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	5	0.47
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	5	0.47
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	5	0.47
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	5	0.47
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	5	0.47
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	5	0.47
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	5	0.47
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	5	0.47
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	5	0.47
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	5	0.47
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	5	0.47
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	5	0.47
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	5	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	5	0.47
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	5	0.47
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	5	0.47
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	5	0.47
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	5	0.47
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	5	0.47
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	5	0.47
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	5	0.47
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	5	0.47
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	5	0.47
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	5	0.47
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	5	0.47
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	5	0.47
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	5	0.47
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	5	0.47
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	5	0.47
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	5	0.47
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	19	0.47
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	19	0.47
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	19	0.47
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	19	0.47
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	19	0.47
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	19	0.47
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	19	0.47
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	19	0.47
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	19	0.47
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	6	0.47
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	6	0.47
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	6	0.47
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	6	0.47
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	6	0.47
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	6	0.47
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	6	0.47
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	6	0.47
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	6	0.47
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	11	0.47
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	11	0.47
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	11	0.47
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	11	0.47
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	11	0.47
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	11	0.47
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	11	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	11	0.47
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	11	0.47
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD11	10	0.47
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD12	10	0.47
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD13	10	0.47
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD11	10	0.47
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD12	10	0.47
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD13	10	0.47
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD11	10	0.47
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD12	10	0.47
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD13	10	0.47
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD11	10	0.47
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD12	10	0.47
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD13	10	0.47
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD11	10	0.47
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD12	10	0.47
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD13	10	0.47
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD11	10	0.47
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD12	10	0.47
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD13	10	0.47
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD11	10	0.47
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD12	10	0.47
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD13	10	0.47
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD11	10	0.47
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD12	10	0.47
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD13	10	0.47
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD11	10	0.47
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD12	10	0.47
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD13	10	0.47
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	20	0.47
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	20	0.47
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	20	0.47
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	20	0.47
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	20	0.47
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	20	0.47
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	20	0.47
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	20	0.47
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	20	0.47
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	20	0.47
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	20	0.47
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	20	0.47
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	20	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	20	0.47
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	20	0.47
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	20	0.47
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	20	0.47
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	20	0.47
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	20	0.47
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	20	0.47
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	20	0.47
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	20	0.47
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	20	0.47
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	20	0.47
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	20	0.47
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	20	0.47
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	20	0.47
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	4	0.47
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	4	0.47
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	4	0.47
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	4	0.47
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	4	0.47
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	4	0.47
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	4	0.47
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	4	0.47
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	4	0.47
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	4	0.47
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	4	0.47
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	4	0.47
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	4	0.47
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	4	0.47
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	4	0.47
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	4	0.47
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	4	0.47
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	4	0.47
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	9	0.47
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	9	0.47
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	9	0.47
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	9	0.47
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	9	0.47
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	9	0.47
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	9	0.47
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	9	0.47
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	9	0.47
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	9	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	9	0.47
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	9	0.47
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	9	0.47
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	9	0.47
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	9	0.47
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	9	0.47
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	9	0.47
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	9	0.47
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	2	0.47
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	2	0.47
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	2	0.47
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	2	0.47
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	2	0.47
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	2	0.47
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	2	0.47
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	2	0.47
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	2	0.47
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	2	0.47
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	2	0.47
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	2	0.47
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	2	0.47
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	2	0.47
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	2	0.47
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	2	0.47
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	2	0.47
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	2	0.47
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	2	0.47
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	2	0.47
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	2	0.47
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	2	0.47
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	2	0.47
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	2	0.47
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	2	0.47
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	2	0.47
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	2	0.47
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	2	0.47
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	2	0.47
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	2	0.47
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	2	0.47
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	2	0.47
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	2	0.47
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	2	0.47
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	2	0.47
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	1	0.47
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	1	0.47
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	1	0.47
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	1	0.47
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	1	0.47
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	1	0.47
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	1	0.47
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	1	0.47
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	1	0.47
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	4	0.47
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	4	0.47
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	4	0.47
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	4	0.47
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	4	0.47
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	4	0.47
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	4	0.47
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	4	0.47
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	4	0.47
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	5	0.47
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	5	0.47
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	5	0.47
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	5	0.47
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	5	0.47
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	5	0.47
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	5	0.47
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	5	0.47
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	5	0.47
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	7	0.47
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	7	0.47
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	7	0.47
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	7	0.47
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	7	0.47
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	7	0.47
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	7	0.47
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	7	0.47
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	7	0.47
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	9	0.47
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	9	0.47
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	9	0.47
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	9	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	9	0.47
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	9	0.47
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	9	0.47
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	9	0.47
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	9	0.47
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	11	0.47
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	11	0.47
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	11	0.47
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	11	0.47
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	11	0.47
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	11	0.47
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	11	0.47
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	11	0.47
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	11	0.47
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	12	0.47
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	12	0.47
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	12	0.47
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	12	0.47
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	12	0.47
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	12	0.47
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	12	0.47
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	12	0.47
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	12	0.47
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	14	0.47
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	14	0.47
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	14	0.47
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	14	0.47
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	14	0.47
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	14	0.47
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	14	0.47
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	14	0.47
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	14	0.47
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	16	0.47
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	16	0.47
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	16	0.47
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	16	0.47
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	16	0.47
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	16	0.47
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	16	0.47
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	16	0.47
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	16	0.47
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	19	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	19	0.47
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	19	0.47
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	19	0.47
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	19	0.47
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	19	0.47
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	19	0.47
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	19	0.47
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	19	0.47
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	20	0.47
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	20	0.47
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	20	0.47
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	20	0.47
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	20	0.47
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	20	0.47
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	20	0.47
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	20	0.47
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	20	0.47
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	6	0.47
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	6	0.47
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	6	0.47
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	6	0.47
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	6	0.47
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	6	0.47
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	6	0.47
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	6	0.47
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	6	0.47
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	1	0.46
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	1	0.46
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	1	0.46
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	1	0.46
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	1	0.46
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	1	0.46
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	1	0.46
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	1	0.46
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	1	0.46
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	1	0.46
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	1	0.46
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	1	0.46
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	1	0.46
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	1	0.46
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	1	0.46
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	1	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	1	0.46
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	1	0.46
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	11	0.46
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	11	0.46
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	11	0.46
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	11	0.46
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	11	0.46
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	11	0.46
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	11	0.46
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	11	0.46
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	11	0.46
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	11	0.46
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	11	0.46
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	11	0.46
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	11	0.46
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	11	0.46
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	11	0.46
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	11	0.46
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	11	0.46
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	11	0.46
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	20	0.46
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	20	0.46
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	20	0.46
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	20	0.46
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	20	0.46
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	20	0.46
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	20	0.46
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	20	0.46
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	20	0.46
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	20	0.46
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	20	0.46
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	20	0.46
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	20	0.46
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	20	0.46
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	20	0.46
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	20	0.46
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	20	0.46
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	20	0.46
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	19	0.46
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	19	0.46
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	19	0.46
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	19	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	19	0.46
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	19	0.46
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	19	0.46
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	19	0.46
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	19	0.46
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	1	0.46
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	1	0.46
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	1	0.46
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	1	0.46
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	1	0.46
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	1	0.46
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	1	0.46
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	1	0.46
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	1	0.46
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	8	0.46
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	8	0.46
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	8	0.46
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	8	0.46
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	8	0.46
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	8	0.46
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	8	0.46
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	8	0.46
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	8	0.46
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	8	0.46
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	8	0.46
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	8	0.46
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	8	0.46
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	8	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	8	0.46
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	8	0.46
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	8	0.46
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	8	0.46
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	8	0.46
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	8	0.46
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	8	0.46
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	8	0.46
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	8	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	8	0.46
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	8	0.46
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	8	0.46
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	8	0.46
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	8	0.46
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	8	0.46
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	8	0.46
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	8	0.46
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	8	0.46
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	8	0.46
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	8	0.46
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	8	0.46
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	8	0.46
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	8	0.46
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	8	0.46
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	8	0.46
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	8	0.46
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	8	0.46
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	8	0.46
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	8	0.46
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	8	0.46
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	8	0.46
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	8	0.46
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	8	0.46
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	8	0.46
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	8	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	8	0.46
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	8	0.46
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	8	0.46
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	8	0.46
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	8	0.46
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	8	0.46
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	8	0.46
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	8	0.46
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	8	0.46
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	8	0.46
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	8	0.46
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	8	0.46
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	8	0.46
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	8	0.46
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	8	0.46
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	8	0.46
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	8	0.46
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	8	0.46
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	8	0.46
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	8	0.46
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	8	0.46
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	8	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	8	0.46
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	8	0.46
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	8	0.46
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	8	0.46
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	8	0.46
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	8	0.46
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	8	0.46
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	8	0.46
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	8	0.46
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	8	0.46
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	8	0.46
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	8	0.46
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	8	0.46
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	8	0.46
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	8	0.46
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	8	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	8	0.46
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	8	0.46
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	8	0.46
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	8	0.46
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	8	0.46
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	8	0.46
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	8	0.46
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	8	0.46
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	8	0.46
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	8	0.46
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	8	0.46
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	8	0.46
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	16	0.46
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	16	0.46
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	16	0.46
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	16	0.46
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	16	0.46
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	16	0.46
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	16	0.46
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	16	0.46
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	16	0.46
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	16	0.46
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	16	0.46
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	16	0.46
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	16	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	16	0.46
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	16	0.46
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	16	0.46
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	16	0.46
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	16	0.46
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	16	0.46
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	16	0.46
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	16	0.46
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	16	0.46
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	16	0.46
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	16	0.46
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	16	0.46
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	16	0.46
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	16	0.46
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	20	0.46
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	20	0.46
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	20	0.46
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	20	0.46
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	20	0.46
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	20	0.46
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	20	0.46
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	20	0.46
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	20	0.46
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	20	0.46
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	20	0.46
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	20	0.46
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	20	0.46
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	20	0.46
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	20	0.46
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	20	0.46
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	20	0.46
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	20	0.46
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	20	0.46
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	20	0.46
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	20	0.46
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	20	0.46
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	20	0.46
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	20	0.46
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	20	0.46
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	20	0.46
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	20	0.46
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	9	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	9	0.46
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	9	0.46
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	9	0.46
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	9	0.46
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	9	0.46
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	9	0.46
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	9	0.46
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	9	0.46
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	9	0.46
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	9	0.46
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	9	0.46
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	9	0.46
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	9	0.46
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	9	0.46
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	9	0.46
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	9	0.46
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	9	0.46
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	18	0.46
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	18	0.46
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	18	0.46
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	18	0.46
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	18	0.46
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	18	0.46
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	18	0.46
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	18	0.46
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	18	0.46
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	18	0.46
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	18	0.46
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	18	0.46
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	18	0.46
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	18	0.46
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	18	0.46
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	18	0.46
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	18	0.46
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	18	0.46
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	18	0.46
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	18	0.46
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	18	0.46
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	18	0.46
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	18	0.46
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	18	0.46
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	18	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	18	0.46
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	18	0.46
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	18	0.46
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	18	0.46
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	18	0.46
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	18	0.46
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	4	0.46
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	4	0.46
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	4	0.46
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	4	0.46
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	4	0.46
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	4	0.46
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	4	0.46
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	4	0.46
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	4	0.46
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	4	0.46
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	4	0.46
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	4	0.46
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	4	0.46
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	4	0.46
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	4	0.46
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	4	0.46
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	4	0.46
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	4	0.46
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	4	0.46
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	4	0.46
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	4	0.46
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	4	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	4	0.46
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	4	0.46
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	4	0.46
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	4	0.46
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	4	0.46
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	4	0.46
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	4	0.46
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	4	0.46
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	4	0.46
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	4	0.46
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	4	0.46
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	4	0.46
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	4	0.46
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	4	0.46
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	4	0.46
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	4	0.46
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	4	0.46
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	4	0.46
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	4	0.46
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	4	0.46
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	4	0.46
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	4	0.46
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	4	0.46
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	4	0.46
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	4	0.46
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	4	0.46
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	4	0.46
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	4	0.46
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	4	0.46
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	4	0.46
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	4	0.46
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	4	0.46
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	18	0.46
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	18	0.46
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	18	0.46
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	18	0.46
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	18	0.46
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	18	0.46
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	18	0.46
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	18	0.46
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	18	0.46
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	18	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	18	0.46
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	18	0.46
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	18	0.46
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	18	0.46
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	18	0.46
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	18	0.46
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	18	0.46
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	18	0.46
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	18	0.46
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	18	0.46
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	18	0.46
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	18	0.46
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	18	0.46
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	18	0.46
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	18	0.46
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	18	0.46
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	18	0.46
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	18	0.46
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	18	0.46
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	18	0.46
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	18	0.46
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	18	0.46
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	18	0.46
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	18	0.46
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	18	0.46
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	18	0.46
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	18	0.46
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	18	0.46
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	18	0.46
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	18	0.46
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	18	0.46
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	18	0.46
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	18	0.46
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	18	0.46
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	18	0.46
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	18	0.46
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	18	0.46
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	18	0.46
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	18	0.46
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	18	0.46
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	18	0.46
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	18	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	18	0.46
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	18	0.46
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	2	0.46
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	2	0.46
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	2	0.46
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	2	0.46
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	2	0.46
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	2	0.46
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	2	0.46
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	2	0.46
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	2	0.46
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	3	0.46
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	3	0.46
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	3	0.46
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	3	0.46
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	3	0.46
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	3	0.46
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	3	0.46
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	3	0.46
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	3	0.46
(1,290)	1:A:17:MET:HA	1:A:20:GLY:H	12	0.46
(1,290)	1:A:17:MET:HA	1:B:20:GLY:H	12	0.46
(1,290)	1:A:17:MET:HA	1:C:20:GLY:H	12	0.46
(1,290)	1:B:17:MET:HA	1:A:20:GLY:H	12	0.46
(1,290)	1:B:17:MET:HA	1:B:20:GLY:H	12	0.46
(1,290)	1:B:17:MET:HA	1:C:20:GLY:H	12	0.46
(1,290)	1:C:17:MET:HA	1:A:20:GLY:H	12	0.46
(1,290)	1:C:17:MET:HA	1:B:20:GLY:H	12	0.46
(1,290)	1:C:17:MET:HA	1:C:20:GLY:H	12	0.46
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	4	0.46
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	4	0.46
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	4	0.46
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	4	0.46
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	4	0.46
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	4	0.46
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	4	0.46
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	4	0.46
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	4	0.46
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD11	12	0.46
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD12	12	0.46
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD13	12	0.46
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD11	12	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD12	12	0.46
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD13	12	0.46
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD11	12	0.46
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD12	12	0.46
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD13	12	0.46
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD11	12	0.46
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD12	12	0.46
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD13	12	0.46
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD11	12	0.46
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD12	12	0.46
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD13	12	0.46
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD11	12	0.46
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD12	12	0.46
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD13	12	0.46
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD11	12	0.46
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD12	12	0.46
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD13	12	0.46
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD11	12	0.46
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD12	12	0.46
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD13	12	0.46
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD11	12	0.46
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD12	12	0.46
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD13	12	0.46
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	3	0.46
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	3	0.46
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	3	0.46
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	3	0.46
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	3	0.46
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	3	0.46
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	3	0.46
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	3	0.46
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	3	0.46
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	3	0.46
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	3	0.46
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	3	0.46
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	3	0.46
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	3	0.46
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	3	0.46
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	3	0.46
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	3	0.46
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	3	0.46
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	3	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	3	0.46
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	3	0.46
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	3	0.46
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	3	0.46
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	3	0.46
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	3	0.46
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	3	0.46
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	3	0.46
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	5	0.46
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	5	0.46
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	5	0.46
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	5	0.46
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	5	0.46
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	5	0.46
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	5	0.46
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	5	0.46
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	5	0.46
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	5	0.46
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	5	0.46
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	5	0.46
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	5	0.46
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	5	0.46
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	5	0.46
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	5	0.46
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	5	0.46
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	5	0.46
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	5	0.46
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	5	0.46
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	5	0.46
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	5	0.46
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	5	0.46
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	5	0.46
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	5	0.46
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	5	0.46
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	5	0.46
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	14	0.46
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	14	0.46
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	14	0.46
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	14	0.46
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	14	0.46
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	14	0.46
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	14	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	14	0.46
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	14	0.46
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	14	0.46
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	14	0.46
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	14	0.46
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	14	0.46
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	14	0.46
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	14	0.46
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	14	0.46
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	14	0.46
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	14	0.46
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	14	0.46
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	14	0.46
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	14	0.46
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	14	0.46
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	14	0.46
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	14	0.46
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	14	0.46
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	14	0.46
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	14	0.46
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	5	0.46
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	5	0.46
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	5	0.46
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	5	0.46
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	5	0.46
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	5	0.46
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	5	0.46
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	5	0.46
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	5	0.46
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	5	0.46
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	5	0.46
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	5	0.46
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	5	0.46
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	5	0.46
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	5	0.46
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	5	0.46
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	5	0.46
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	5	0.46
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	13	0.46
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	13	0.46
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	13	0.46
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	13	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	13	0.46
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	13	0.46
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	13	0.46
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	13	0.46
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	13	0.46
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	13	0.46
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	13	0.46
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	13	0.46
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	13	0.46
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	13	0.46
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	13	0.46
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	13	0.46
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	13	0.46
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	13	0.46
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	14	0.46
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	14	0.46
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	14	0.46
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	14	0.46
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	14	0.46
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	14	0.46
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	14	0.46
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	14	0.46
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	14	0.46
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	14	0.46
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	14	0.46
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	14	0.46
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	14	0.46
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	14	0.46
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	14	0.46
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	14	0.46
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	14	0.46
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	14	0.46
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	14	0.46
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	14	0.46
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	14	0.46
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	14	0.46
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	14	0.46
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	14	0.46
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	14	0.46
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	14	0.46
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	14	0.46
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	14	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	14	0.46
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	14	0.46
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	14	0.46
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	14	0.46
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	14	0.46
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	14	0.46
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	14	0.46
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	14	0.46
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	14	0.46
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	14	0.46
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	14	0.46
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	14	0.46
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	14	0.46
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	14	0.46
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	14	0.46
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	14	0.46
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	14	0.46
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	2	0.46
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	2	0.46
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	2	0.46
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	2	0.46
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	2	0.46
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	2	0.46
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	2	0.46
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	2	0.46
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	2	0.46
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	3	0.46
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	3	0.46
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	3	0.46
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	3	0.46
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	3	0.46
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	3	0.46
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	3	0.46
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	3	0.46
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	3	0.46
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	10	0.46
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	10	0.46
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	10	0.46
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	10	0.46
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	10	0.46
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	10	0.46
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	10	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	10	0.46
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	10	0.46
(1,137)	1:A:13:GLY:HA2	1:A:13:GLY:H	15	0.46
(1,137)	1:A:13:GLY:HA2	1:B:13:GLY:H	15	0.46
(1,137)	1:A:13:GLY:HA2	1:C:13:GLY:H	15	0.46
(1,137)	1:B:13:GLY:HA2	1:A:13:GLY:H	15	0.46
(1,137)	1:B:13:GLY:HA2	1:B:13:GLY:H	15	0.46
(1,137)	1:B:13:GLY:HA2	1:C:13:GLY:H	15	0.46
(1,137)	1:C:13:GLY:HA2	1:A:13:GLY:H	15	0.46
(1,137)	1:C:13:GLY:HA2	1:B:13:GLY:H	15	0.46
(1,137)	1:C:13:GLY:HA2	1:C:13:GLY:H	15	0.46
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	10	0.46
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	10	0.46
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	10	0.46
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	10	0.46
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	10	0.46
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	10	0.46
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	10	0.46
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	10	0.46
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	10	0.46
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	5	0.45
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	5	0.45
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	5	0.45
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	5	0.45
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	5	0.45
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	5	0.45
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	5	0.45
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	5	0.45
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	5	0.45
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	5	0.45
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	5	0.45
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	5	0.45
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	5	0.45
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	5	0.45
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	5	0.45
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	5	0.45
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	5	0.45
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	5	0.45
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	4	0.45
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	4	0.45
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	4	0.45
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	4	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	4	0.45
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	4	0.45
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	4	0.45
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	4	0.45
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	4	0.45
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	9	0.45
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	9	0.45
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	9	0.45
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	9	0.45
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	9	0.45
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	9	0.45
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	9	0.45
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	9	0.45
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	9	0.45
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	12	0.45
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	12	0.45
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	12	0.45
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	12	0.45
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	12	0.45
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	12	0.45
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	12	0.45
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	12	0.45
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	12	0.45
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	17	0.45
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	17	0.45
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	17	0.45
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	17	0.45
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	17	0.45
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	17	0.45
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	17	0.45
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	17	0.45
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	17	0.45
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	20	0.45
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	20	0.45
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	20	0.45
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	20	0.45
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	20	0.45
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	20	0.45
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	20	0.45
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	20	0.45
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	20	0.45
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	3	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	3	0.45
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	3	0.45
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	3	0.45
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	3	0.45
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	3	0.45
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	3	0.45
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	3	0.45
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	3	0.45
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	3	0.45
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	3	0.45
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	3	0.45
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	3	0.45
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	3	0.45
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	3	0.45
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	3	0.45
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	3	0.45
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	3	0.45
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	3	0.45
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	3	0.45
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	3	0.45
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	3	0.45
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	3	0.45
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	3	0.45
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	3	0.45
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	3	0.45
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	3	0.45
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	3	0.45
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	3	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	3	0.45
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	3	0.45
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	3	0.45
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	3	0.45
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	3	0.45
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	3	0.45
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	3	0.45
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	3	0.45
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	3	0.45
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	3	0.45
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	3	0.45
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	14	0.45
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	14	0.45
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	14	0.45
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	14	0.45
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	14	0.45
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	14	0.45
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	14	0.45
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	14	0.45
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	14	0.45
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	14	0.45
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	14	0.45
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	14	0.45
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	14	0.45
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	14	0.45
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	14	0.45
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	14	0.45
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	14	0.45
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	14	0.45
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	14	0.45
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	14	0.45
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	14	0.45
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	14	0.45
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	14	0.45
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	14	0.45
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	14	0.45
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	14	0.45
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	14	0.45
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	13	0.45
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	13	0.45
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	13	0.45
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	13	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	13	0.45
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	13	0.45
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	13	0.45
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	13	0.45
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	13	0.45
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	13	0.45
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	13	0.45
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	13	0.45
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	13	0.45
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	13	0.45
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	13	0.45
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	13	0.45
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	13	0.45
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	13	0.45
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	1	0.45
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	1	0.45
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	1	0.45
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	1	0.45
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	1	0.45
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	1	0.45
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	1	0.45
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	1	0.45
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	1	0.45
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	1	0.45
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	1	0.45
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	1	0.45
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	1	0.45
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	1	0.45
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	1	0.45
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	1	0.45
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	1	0.45
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	1	0.45
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	1	0.45
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	1	0.45
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	1	0.45
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	1	0.45
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	1	0.45
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	1	0.45
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	1	0.45
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	1	0.45
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	1	0.45
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	1	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	1	0.45
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	1	0.45
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	1	0.45
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	1	0.45
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	1	0.45
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	1	0.45
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	1	0.45
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	1	0.45
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	1	0.45
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	1	0.45
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	1	0.45
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	1	0.45
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	1	0.45
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	1	0.45
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	1	0.45
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	1	0.45
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	1	0.45
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	1	0.45
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	1	0.45
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	1	0.45
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	1	0.45
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	1	0.45
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	1	0.45
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	1	0.45
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	1	0.45
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	1	0.45
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	10	0.45
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	10	0.45
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	10	0.45
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	10	0.45
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	10	0.45
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	10	0.45
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	10	0.45
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	10	0.45
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	10	0.45
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	10	0.45
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	10	0.45
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	10	0.45
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	10	0.45
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	10	0.45
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	10	0.45
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	10	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	10	0.45
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	10	0.45
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	10	0.45
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	10	0.45
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	10	0.45
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	10	0.45
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	10	0.45
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	10	0.45
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	10	0.45
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	10	0.45
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	10	0.45
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	10	0.45
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	10	0.45
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	10	0.45
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	10	0.45
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	10	0.45
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	10	0.45
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	10	0.45
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	10	0.45
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	10	0.45
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	10	0.45
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	10	0.45
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	10	0.45
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	10	0.45
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	10	0.45
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	10	0.45
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	10	0.45
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	10	0.45
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	10	0.45
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	10	0.45
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	10	0.45
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	10	0.45
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	10	0.45
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	10	0.45
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	10	0.45
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	10	0.45
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	10	0.45
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	10	0.45
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	17	0.45
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	17	0.45
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	17	0.45
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	17	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	17	0.45
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	17	0.45
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	17	0.45
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	17	0.45
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	17	0.45
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	17	0.45
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	17	0.45
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	17	0.45
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	17	0.45
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	17	0.45
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	17	0.45
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	17	0.45
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	17	0.45
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	17	0.45
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	17	0.45
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	17	0.45
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	17	0.45
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	17	0.45
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	17	0.45
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	17	0.45
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	17	0.45
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	17	0.45
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	17	0.45
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	17	0.45
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	17	0.45
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	17	0.45
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	17	0.45
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	17	0.45
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	17	0.45
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	17	0.45
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	17	0.45
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	17	0.45
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	17	0.45
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	17	0.45
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	17	0.45
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	17	0.45
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	17	0.45
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	17	0.45
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	17	0.45
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	17	0.45
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	17	0.45
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	17	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	17	0.45
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	17	0.45
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	17	0.45
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	17	0.45
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	17	0.45
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	17	0.45
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	17	0.45
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	17	0.45
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	18	0.45
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	18	0.45
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	18	0.45
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	18	0.45
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	18	0.45
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	18	0.45
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	18	0.45
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	18	0.45
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	18	0.45
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	18	0.45
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	18	0.45
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	18	0.45
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	18	0.45
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	18	0.45
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	18	0.45
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	18	0.45
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	18	0.45
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	18	0.45
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	18	0.45
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	18	0.45
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	18	0.45
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	18	0.45
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	18	0.45
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	18	0.45
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	18	0.45
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	18	0.45
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	18	0.45
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	18	0.45
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	18	0.45
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	18	0.45
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	18	0.45
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	18	0.45
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	18	0.45
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	18	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	18	0.45
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	18	0.45
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	18	0.45
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	18	0.45
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	18	0.45
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	18	0.45
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	18	0.45
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	18	0.45
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	18	0.45
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	18	0.45
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	18	0.45
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	18	0.45
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	18	0.45
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	18	0.45
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	18	0.45
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	18	0.45
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	18	0.45
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	18	0.45
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	18	0.45
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	18	0.45
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	12	0.45
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	12	0.45
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	12	0.45
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	12	0.45
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	12	0.45
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	12	0.45
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	12	0.45
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	12	0.45
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	12	0.45
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	13	0.45
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	13	0.45
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	13	0.45
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	13	0.45
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	13	0.45
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	13	0.45
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	13	0.45
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	13	0.45
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	13	0.45
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	15	0.45
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	15	0.45
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	15	0.45
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	15	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	15	0.45
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	15	0.45
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	15	0.45
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	15	0.45
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	15	0.45
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	18	0.45
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	18	0.45
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	18	0.45
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	18	0.45
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	18	0.45
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	18	0.45
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	18	0.45
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	18	0.45
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	18	0.45
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	18	0.45
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	18	0.45
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	18	0.45
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	18	0.45
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	18	0.45
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	18	0.45
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	18	0.45
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	18	0.45
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	18	0.45
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	18	0.45
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	18	0.45
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	18	0.45
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	18	0.45
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	18	0.45
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	18	0.45
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	18	0.45
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	18	0.45
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	18	0.45
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	1	0.45
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	1	0.45
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	1	0.45
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	1	0.45
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	1	0.45
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	1	0.45
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	1	0.45
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	1	0.45
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	1	0.45
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	1	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	1	0.45
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	1	0.45
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	1	0.45
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	1	0.45
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	1	0.45
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	1	0.45
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	1	0.45
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	1	0.45
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	1	0.45
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	1	0.45
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	1	0.45
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	1	0.45
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	1	0.45
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	1	0.45
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	1	0.45
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	1	0.45
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	1	0.45
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	17	0.45
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	17	0.45
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	17	0.45
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	17	0.45
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	17	0.45
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	17	0.45
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	17	0.45
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	17	0.45
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	17	0.45
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	17	0.45
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	17	0.45
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	17	0.45
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	17	0.45
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	17	0.45
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	17	0.45
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	17	0.45
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	17	0.45
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	17	0.45
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	17	0.45
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	17	0.45
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	17	0.45
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	17	0.45
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	17	0.45
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	17	0.45
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	17	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	17	0.45
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	17	0.45
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	7	0.45
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	7	0.45
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	7	0.45
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	7	0.45
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	7	0.45
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	7	0.45
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	7	0.45
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	7	0.45
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	7	0.45
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	7	0.45
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	7	0.45
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	7	0.45
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	7	0.45
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	7	0.45
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	7	0.45
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	7	0.45
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	7	0.45
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	7	0.45
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	15	0.45
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	15	0.45
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	15	0.45
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	15	0.45
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	15	0.45
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	15	0.45
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	15	0.45
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	15	0.45
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	15	0.45
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	15	0.45
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	15	0.45
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	15	0.45
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	15	0.45
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	15	0.45
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	15	0.45
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	15	0.45
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	15	0.45
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	15	0.45
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	18	0.45
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	18	0.45
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	18	0.45
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	18	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	18	0.45
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	18	0.45
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	18	0.45
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	18	0.45
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	18	0.45
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	18	0.45
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	18	0.45
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	18	0.45
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	18	0.45
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	18	0.45
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	18	0.45
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	18	0.45
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	18	0.45
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	18	0.45
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	19	0.45
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	19	0.45
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	19	0.45
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	19	0.45
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	19	0.45
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	19	0.45
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	19	0.45
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	19	0.45
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	19	0.45
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	19	0.45
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	19	0.45
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	19	0.45
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	19	0.45
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	19	0.45
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	19	0.45
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	19	0.45
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	19	0.45
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	19	0.45
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	8	0.45
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	8	0.45
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	8	0.45
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	8	0.45
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	8	0.45
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	8	0.45
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	8	0.45
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	8	0.45
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	8	0.45
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	8	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	8	0.45
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	8	0.45
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	8	0.45
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	8	0.45
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	8	0.45
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	8	0.45
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	8	0.45
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	8	0.45
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	8	0.45
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	8	0.45
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	8	0.45
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	8	0.45
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	8	0.45
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	8	0.45
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	8	0.45
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	8	0.45
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	8	0.45
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	8	0.45
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	8	0.45
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	8	0.45
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	8	0.45
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	8	0.45
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	8	0.45
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	8	0.45
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	8	0.45
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	8	0.45
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	8	0.45
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	8	0.45
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	8	0.45
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	8	0.45
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	8	0.45
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	8	0.45
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	8	0.45
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	8	0.45
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	8	0.45
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	8	0.45
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	8	0.45
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	8	0.45
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	8	0.45
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	8	0.45
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	8	0.45
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	8	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	8	0.45
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	8	0.45
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	3	0.44
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	3	0.44
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	3	0.44
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	3	0.44
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	3	0.44
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	3	0.44
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	3	0.44
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	3	0.44
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	3	0.44
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	3	0.44
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	3	0.44
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	3	0.44
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	3	0.44
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	3	0.44
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	3	0.44
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	3	0.44
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	3	0.44
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	3	0.44
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	8	0.44
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	8	0.44
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	8	0.44
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	8	0.44
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	8	0.44
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	8	0.44
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	8	0.44
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	8	0.44
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	8	0.44
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	8	0.44
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	8	0.44
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	8	0.44
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	8	0.44
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	8	0.44
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	8	0.44
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	8	0.44
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	8	0.44
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	8	0.44
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	15	0.44
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	15	0.44
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	15	0.44
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	15	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	15	0.44
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	15	0.44
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	15	0.44
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	15	0.44
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	15	0.44
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	15	0.44
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	15	0.44
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	15	0.44
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	15	0.44
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	15	0.44
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	15	0.44
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	15	0.44
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	15	0.44
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	15	0.44
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	3	0.44
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	3	0.44
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	3	0.44
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	3	0.44
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	3	0.44
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	3	0.44
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	3	0.44
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	3	0.44
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	3	0.44
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	10	0.44
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	10	0.44
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	10	0.44
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	10	0.44
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	10	0.44
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	10	0.44
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	10	0.44
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	10	0.44
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	10	0.44
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	18	0.44
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	18	0.44
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	18	0.44
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	18	0.44
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	18	0.44
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	18	0.44
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	18	0.44
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	18	0.44
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	18	0.44
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	5	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	5	0.44
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	5	0.44
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	5	0.44
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	5	0.44
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	5	0.44
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	5	0.44
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	5	0.44
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	5	0.44
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	5	0.44
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	5	0.44
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	5	0.44
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	5	0.44
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	5	0.44
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	5	0.44
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	5	0.44
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	5	0.44
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	5	0.44
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	5	0.44
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	5	0.44
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	5	0.44
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	5	0.44
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	5	0.44
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	5	0.44
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	5	0.44
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	5	0.44
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	5	0.44
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	5	0.44
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	5	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	5	0.44
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	5	0.44
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	2	0.44
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	2	0.44
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	2	0.44
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	2	0.44
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	2	0.44
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	2	0.44
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	2	0.44
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	2	0.44
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	2	0.44
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	6	0.44
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	6	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	6	0.44
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	6	0.44
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	6	0.44
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	6	0.44
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	6	0.44
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	6	0.44
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	6	0.44
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	6	0.44
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	6	0.44
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	6	0.44
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	6	0.44
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	6	0.44
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	6	0.44
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	6	0.44
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	6	0.44
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	6	0.44
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	6	0.44
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	6	0.44
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	6	0.44
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	6	0.44
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	6	0.44
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	6	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	6	0.44
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	6	0.44
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	6	0.44
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	6	0.44
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	6	0.44
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	6	0.44
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	6	0.44
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	6	0.44
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	6	0.44
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	6	0.44
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	19	0.44
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	19	0.44
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	19	0.44
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	19	0.44
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	19	0.44
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	19	0.44
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	19	0.44
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	19	0.44
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	19	0.44
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	19	0.44
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	19	0.44
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	19	0.44
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	19	0.44
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	19	0.44
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	19	0.44
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	19	0.44
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	19	0.44
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	19	0.44
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	19	0.44
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	19	0.44
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	19	0.44
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	19	0.44
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	19	0.44
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	19	0.44
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	19	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	19	0.44
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	19	0.44
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	19	0.44
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	19	0.44
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	19	0.44
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	19	0.44
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	19	0.44
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	19	0.44
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	19	0.44
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	19	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	19	0.44
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	19	0.44
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	19	0.44
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	19	0.44
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	19	0.44
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	19	0.44
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	19	0.44
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	19	0.44
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	19	0.44
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	19	0.44
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	19	0.44
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	19	0.44
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	19	0.44
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	16	0.44
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	16	0.44
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	16	0.44
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	16	0.44
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	16	0.44
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	16	0.44
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	16	0.44
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	16	0.44
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	16	0.44
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	16	0.44
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	16	0.44
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	16	0.44
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	16	0.44
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	16	0.44
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	16	0.44
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	16	0.44
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	16	0.44
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	16	0.44
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	16	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	16	0.44
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	16	0.44
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	16	0.44
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	16	0.44
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	16	0.44
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	16	0.44
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	16	0.44
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	16	0.44
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	16	0.44
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	16	0.44
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	16	0.44
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	16	0.44
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	2	0.44
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	2	0.44
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	2	0.44
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	2	0.44
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	2	0.44
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	2	0.44
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	2	0.44
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	2	0.44
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	2	0.44
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	2	0.44
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	2	0.44
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	2	0.44
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	2	0.44
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	2	0.44
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	2	0.44
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	2	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	2	0.44
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	2	0.44
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	2	0.44
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	2	0.44
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	2	0.44
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	2	0.44
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	2	0.44
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	2	0.44
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	2	0.44
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	2	0.44
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	2	0.44
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	16	0.44
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	16	0.44
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	16	0.44
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	16	0.44
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	16	0.44
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	16	0.44
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	16	0.44
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	16	0.44
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	16	0.44
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	16	0.44
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	16	0.44
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	16	0.44
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	16	0.44
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	16	0.44
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	16	0.44
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	16	0.44
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	16	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	16	0.44
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	16	0.44
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	16	0.44
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	16	0.44
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	16	0.44
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	16	0.44
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	16	0.44
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	16	0.44
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	16	0.44
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	16	0.44
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	16	0.44
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	16	0.44
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	16	0.44
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	16	0.44
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	4	0.44
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	4	0.44
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	4	0.44
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	4	0.44
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	4	0.44
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	4	0.44
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	4	0.44
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	4	0.44
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	4	0.44
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	4	0.44
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	4	0.44
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	4	0.44
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	4	0.44
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	4	0.44
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	4	0.44
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	4	0.44
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	4	0.44
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	4	0.44
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	4	0.44
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	4	0.44
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	4	0.44
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	4	0.44
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	4	0.44
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	4	0.44
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	4	0.44
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	4	0.44
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	4	0.44
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	4	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	4	0.44
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	4	0.44
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	4	0.44
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	2	0.44
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	2	0.44
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	2	0.44
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	2	0.44
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	2	0.44
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	2	0.44
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	2	0.44
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	2	0.44
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	2	0.44
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	2	0.44
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	2	0.44
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	2	0.44
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	2	0.44
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	2	0.44
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	2	0.44
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	2	0.44
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	2	0.44
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	2	0.44
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	2	0.44
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	2	0.44
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	2	0.44
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	2	0.44
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	2	0.44
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	2	0.44
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	2	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	2	0.44
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	2	0.44
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	2	0.44
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	2	0.44
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	2	0.44
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	2	0.44
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	2	0.44
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	2	0.44
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	2	0.44
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	2	0.44
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	2	0.44
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	2	0.44
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	2	0.44
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	2	0.44
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	2	0.44
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	2	0.44
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	2	0.44
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	2	0.44
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	2	0.44
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	2	0.44
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	2	0.44
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	2	0.44
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	2	0.44
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	2	0.44
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	2	0.44
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	2	0.44
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	2	0.44
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	2	0.44
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	2	0.44
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	15	0.44
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	15	0.44
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	15	0.44
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	15	0.44
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	15	0.44
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	15	0.44
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	15	0.44
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	15	0.44
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	15	0.44
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	15	0.44
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	15	0.44
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	15	0.44
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	15	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	15	0.44
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	15	0.44
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	15	0.44
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	15	0.44
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	15	0.44
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	15	0.44
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	15	0.44
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	15	0.44
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	15	0.44
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	15	0.44
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	15	0.44
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	15	0.44
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	15	0.44
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	15	0.44
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	15	0.44
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	15	0.44
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	15	0.44
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	15	0.44
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	15	0.44
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	15	0.44
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	15	0.44
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	15	0.44
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	15	0.44
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	15	0.44
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	15	0.44
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	15	0.44
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	15	0.44
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	15	0.44
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	15	0.44
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	15	0.44
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	15	0.44
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	15	0.44
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	15	0.44
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	15	0.44
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	15	0.44
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	15	0.44
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	15	0.44
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	15	0.44
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	15	0.44
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	15	0.44
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	15	0.44
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	11	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	11	0.44
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	11	0.44
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	11	0.44
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	11	0.44
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	11	0.44
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	11	0.44
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	11	0.44
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	11	0.44
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	11	0.44
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	11	0.44
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	11	0.44
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	11	0.44
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	11	0.44
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	11	0.44
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	11	0.44
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	11	0.44
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	11	0.44
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	11	0.44
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	11	0.44
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	11	0.44
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	11	0.44
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	11	0.44
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	11	0.44
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	11	0.44
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	11	0.44
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	11	0.44
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	11	0.44
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	11	0.44
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	11	0.44
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	11	0.44
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	11	0.44
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	11	0.44
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	11	0.44
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	11	0.44
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	11	0.44
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	11	0.44
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	11	0.44
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	11	0.44
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	11	0.44
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	11	0.44
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	11	0.44
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	11	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	11	0.44
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	11	0.44
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	11	0.44
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	11	0.44
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	11	0.44
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	11	0.44
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	11	0.44
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	11	0.44
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	11	0.44
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	11	0.44
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	11	0.44
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	20	0.44
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	20	0.44
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	20	0.44
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	20	0.44
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	20	0.44
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	20	0.44
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	20	0.44
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	20	0.44
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	20	0.44
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	12	0.44
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	12	0.44
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	12	0.44
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	12	0.44
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	12	0.44
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	12	0.44
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	12	0.44
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	12	0.44
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	12	0.44
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	12	0.44
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	12	0.44
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	12	0.44
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	12	0.44
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	12	0.44
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	12	0.44
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	12	0.44
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	12	0.44
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	12	0.44
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	12	0.44
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	12	0.44
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	12	0.44
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	12	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	12	0.44
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	12	0.44
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	12	0.44
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	12	0.44
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	12	0.44
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	2	0.44
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	2	0.44
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	2	0.44
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	2	0.44
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	2	0.44
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	2	0.44
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	2	0.44
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	2	0.44
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	2	0.44
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	2	0.44
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	2	0.44
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	2	0.44
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	2	0.44
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	2	0.44
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	2	0.44
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	2	0.44
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	2	0.44
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	2	0.44
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	10	0.44
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	10	0.44
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	10	0.44
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	10	0.44
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	10	0.44
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	10	0.44
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	10	0.44
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	10	0.44
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	10	0.44
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	10	0.44
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	10	0.44
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	10	0.44
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	10	0.44
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	10	0.44
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	10	0.44
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	10	0.44
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	10	0.44
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	10	0.44
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	16	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	16	0.44
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	16	0.44
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	16	0.44
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	16	0.44
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	16	0.44
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	16	0.44
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	16	0.44
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	16	0.44
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	16	0.44
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	16	0.44
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	16	0.44
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	16	0.44
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	16	0.44
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	16	0.44
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	16	0.44
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	16	0.44
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	16	0.44
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA2	7	0.44
(1,223)	1:A:19:ASP:HB2	1:A:16:GLY:HA3	7	0.44
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA2	7	0.44
(1,223)	1:A:19:ASP:HB2	1:B:16:GLY:HA3	7	0.44
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA2	7	0.44
(1,223)	1:A:19:ASP:HB2	1:C:16:GLY:HA3	7	0.44
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA2	7	0.44
(1,223)	1:A:19:ASP:HB3	1:A:16:GLY:HA3	7	0.44
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA2	7	0.44
(1,223)	1:A:19:ASP:HB3	1:B:16:GLY:HA3	7	0.44
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA2	7	0.44
(1,223)	1:A:19:ASP:HB3	1:C:16:GLY:HA3	7	0.44
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA2	7	0.44
(1,223)	1:B:19:ASP:HB2	1:A:16:GLY:HA3	7	0.44
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA2	7	0.44
(1,223)	1:B:19:ASP:HB2	1:B:16:GLY:HA3	7	0.44
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA2	7	0.44
(1,223)	1:B:19:ASP:HB2	1:C:16:GLY:HA3	7	0.44
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA2	7	0.44
(1,223)	1:B:19:ASP:HB3	1:A:16:GLY:HA3	7	0.44
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA2	7	0.44
(1,223)	1:B:19:ASP:HB3	1:B:16:GLY:HA3	7	0.44
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA2	7	0.44
(1,223)	1:B:19:ASP:HB3	1:C:16:GLY:HA3	7	0.44
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA2	7	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:C:19:ASP:HB2	1:A:16:GLY:HA3	7	0.44
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA2	7	0.44
(1,223)	1:C:19:ASP:HB2	1:B:16:GLY:HA3	7	0.44
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA2	7	0.44
(1,223)	1:C:19:ASP:HB2	1:C:16:GLY:HA3	7	0.44
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA2	7	0.44
(1,223)	1:C:19:ASP:HB3	1:A:16:GLY:HA3	7	0.44
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA2	7	0.44
(1,223)	1:C:19:ASP:HB3	1:B:16:GLY:HA3	7	0.44
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA2	7	0.44
(1,223)	1:C:19:ASP:HB3	1:C:16:GLY:HA3	7	0.44
(1,220)	1:A:18:ILE:HB	1:A:15:THR:HA	8	0.44
(1,220)	1:A:18:ILE:HB	1:B:15:THR:HA	8	0.44
(1,220)	1:A:18:ILE:HB	1:C:15:THR:HA	8	0.44
(1,220)	1:B:18:ILE:HB	1:A:15:THR:HA	8	0.44
(1,220)	1:B:18:ILE:HB	1:B:15:THR:HA	8	0.44
(1,220)	1:B:18:ILE:HB	1:C:15:THR:HA	8	0.44
(1,220)	1:C:18:ILE:HB	1:A:15:THR:HA	8	0.44
(1,220)	1:C:18:ILE:HB	1:B:15:THR:HA	8	0.44
(1,220)	1:C:18:ILE:HB	1:C:15:THR:HA	8	0.44
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	5	0.44
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	5	0.44
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	5	0.44
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	5	0.44
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	5	0.44
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	5	0.44
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	5	0.44
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	5	0.44
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	5	0.44
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	16	0.44
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	16	0.44
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	16	0.44
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	16	0.44
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	16	0.44
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	16	0.44
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	16	0.44
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	16	0.44
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	16	0.44
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	2	0.43
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	2	0.43
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	2	0.43
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	2	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	2	0.43
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	2	0.43
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	2	0.43
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	2	0.43
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	2	0.43
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	2	0.43
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	2	0.43
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	2	0.43
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	2	0.43
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	2	0.43
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	2	0.43
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	2	0.43
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	2	0.43
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	2	0.43
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	13	0.43
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	13	0.43
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	13	0.43
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	13	0.43
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	13	0.43
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	13	0.43
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	13	0.43
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	13	0.43
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	13	0.43
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	13	0.43
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	13	0.43
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	13	0.43
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	13	0.43
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	13	0.43
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	13	0.43
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	13	0.43
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	13	0.43
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	13	0.43
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	14	0.43
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	14	0.43
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	14	0.43
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	14	0.43
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	14	0.43
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	14	0.43
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	14	0.43
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	14	0.43
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	14	0.43
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	14	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	14	0.43
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	14	0.43
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	14	0.43
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	14	0.43
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	14	0.43
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	14	0.43
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	14	0.43
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	14	0.43
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	16	0.43
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	16	0.43
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	16	0.43
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	16	0.43
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	16	0.43
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	16	0.43
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	16	0.43
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	16	0.43
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	16	0.43
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	16	0.43
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	16	0.43
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	16	0.43
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	16	0.43
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	16	0.43
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	16	0.43
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	16	0.43
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	16	0.43
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	16	0.43
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	18	0.43
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	18	0.43
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	18	0.43
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	18	0.43
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	18	0.43
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	18	0.43
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	18	0.43
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	18	0.43
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	18	0.43
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	18	0.43
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	18	0.43
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	18	0.43
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	18	0.43
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	18	0.43
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	18	0.43
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	18	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	18	0.43
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	18	0.43
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	19	0.43
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	19	0.43
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	19	0.43
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	19	0.43
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	19	0.43
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	19	0.43
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	19	0.43
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	19	0.43
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	19	0.43
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	19	0.43
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	19	0.43
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	19	0.43
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	19	0.43
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	19	0.43
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	19	0.43
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	19	0.43
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	19	0.43
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	19	0.43
(1,9)	1:A:6:ILE:HB	1:A:7:ALA:HA	8	0.43
(1,9)	1:A:6:ILE:HB	1:B:7:ALA:HA	8	0.43
(1,9)	1:A:6:ILE:HB	1:C:7:ALA:HA	8	0.43
(1,9)	1:B:6:ILE:HB	1:A:7:ALA:HA	8	0.43
(1,9)	1:B:6:ILE:HB	1:B:7:ALA:HA	8	0.43
(1,9)	1:B:6:ILE:HB	1:C:7:ALA:HA	8	0.43
(1,9)	1:C:6:ILE:HB	1:A:7:ALA:HA	8	0.43
(1,9)	1:C:6:ILE:HB	1:B:7:ALA:HA	8	0.43
(1,9)	1:C:6:ILE:HB	1:C:7:ALA:HA	8	0.43
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	5	0.43
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	5	0.43
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	5	0.43
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	5	0.43
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	5	0.43
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	5	0.43
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	5	0.43
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	5	0.43
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	5	0.43
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	12	0.43
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	12	0.43
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	12	0.43
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	12	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	12	0.43
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	12	0.43
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	12	0.43
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	12	0.43
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	12	0.43
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	11	0.43
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	11	0.43
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	11	0.43
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	11	0.43
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	11	0.43
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	11	0.43
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	11	0.43
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	11	0.43
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	11	0.43
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	11	0.43
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	11	0.43
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	11	0.43
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	11	0.43
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	11	0.43
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	11	0.43
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	11	0.43
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	11	0.43
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	11	0.43
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	11	0.43
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	11	0.43
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	11	0.43
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	11	0.43
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	11	0.43
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	11	0.43
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	11	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	11	0.43
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	11	0.43
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	11	0.43
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	11	0.43
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	11	0.43
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	11	0.43
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	11	0.43
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	11	0.43
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	11	0.43
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	11	0.43
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	11	0.43
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	11	0.43
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	11	0.43
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	11	0.43
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	11	0.43
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	11	0.43
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	11	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	11	0.43
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	11	0.43
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	11	0.43
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	11	0.43
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	11	0.43
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	11	0.43
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	11	0.43
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	11	0.43
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	11	0.43
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	11	0.43
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	11	0.43
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	11	0.43
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	11	0.43
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	11	0.43
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	11	0.43
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	11	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	11	0.43
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	11	0.43
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	11	0.43
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	11	0.43
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	11	0.43
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	11	0.43
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	11	0.43
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	13	0.43
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	13	0.43
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	13	0.43
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	13	0.43
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	13	0.43
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	13	0.43
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	13	0.43
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	13	0.43
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	13	0.43
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	13	0.43
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	13	0.43
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	13	0.43
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	13	0.43
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	13	0.43
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	13	0.43
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	13	0.43
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	13	0.43
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	13	0.43
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	13	0.43
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	13	0.43
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	13	0.43
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	13	0.43
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	13	0.43
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	13	0.43
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	13	0.43
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	13	0.43
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	13	0.43
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	13	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	13	0.43
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	13	0.43
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	13	0.43
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	20	0.43
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	20	0.43
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	20	0.43
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	20	0.43
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	20	0.43
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	20	0.43
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	20	0.43
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	20	0.43
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	20	0.43
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	20	0.43
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	20	0.43
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	20	0.43
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	20	0.43
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	20	0.43
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	20	0.43
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	20	0.43
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	20	0.43
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	20	0.43
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	20	0.43
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	20	0.43
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	20	0.43
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	20	0.43
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	20	0.43
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	20	0.43
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	20	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	20	0.43
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	20	0.43
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	20	0.43
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	20	0.43
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	20	0.43
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	20	0.43
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	7	0.43
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	7	0.43
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	7	0.43
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	7	0.43
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	7	0.43
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	7	0.43
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	7	0.43
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	7	0.43
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	7	0.43
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	7	0.43
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	7	0.43
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	7	0.43
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	7	0.43
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	7	0.43
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	7	0.43
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	7	0.43
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	7	0.43
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	7	0.43
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	7	0.43
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	7	0.43
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	7	0.43
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	7	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	7	0.43
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	7	0.43
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	7	0.43
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	7	0.43
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	7	0.43
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	7	0.43
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	7	0.43
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	7	0.43
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	7	0.43
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	20	0.43
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	20	0.43
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	20	0.43
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	20	0.43
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	20	0.43
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	20	0.43
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	20	0.43
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	20	0.43
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	20	0.43
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	20	0.43
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	20	0.43
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	20	0.43
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	20	0.43
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	20	0.43
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	20	0.43
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	20	0.43
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	20	0.43
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	20	0.43
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	20	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	20	0.43
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	20	0.43
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	20	0.43
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	20	0.43
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	20	0.43
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	20	0.43
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	20	0.43
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	20	0.43
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	20	0.43
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	20	0.43
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	20	0.43
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	20	0.43
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	20	0.43
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	20	0.43
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	20	0.43
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	20	0.43
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	20	0.43
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	20	0.43
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	20	0.43
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	20	0.43
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	20	0.43
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	20	0.43
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	20	0.43
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	20	0.43
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	20	0.43
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	20	0.43
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	20	0.43
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	20	0.43
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	20	0.43
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	20	0.43
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	20	0.43
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	20	0.43
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	20	0.43
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	20	0.43
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	20	0.43
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	4	0.43
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	4	0.43
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	4	0.43
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	4	0.43
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	4	0.43
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	4	0.43
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	4	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	4	0.43
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	4	0.43
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	8	0.43
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	8	0.43
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	8	0.43
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	8	0.43
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	8	0.43
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	8	0.43
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	8	0.43
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	8	0.43
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	8	0.43
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	11	0.43
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	11	0.43
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	11	0.43
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	11	0.43
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	11	0.43
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	11	0.43
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	11	0.43
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	11	0.43
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	11	0.43
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	18	0.43
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	18	0.43
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	18	0.43
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	18	0.43
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	18	0.43
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	18	0.43
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	18	0.43
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	18	0.43
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	18	0.43
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	1	0.43
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	1	0.43
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	1	0.43
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	1	0.43
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	1	0.43
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	1	0.43
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	1	0.43
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	1	0.43
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	1	0.43
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	3	0.43
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	3	0.43
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	3	0.43
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	3	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	3	0.43
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	3	0.43
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	3	0.43
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	3	0.43
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	3	0.43
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	3	0.43
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	3	0.43
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	3	0.43
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	3	0.43
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	3	0.43
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	3	0.43
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	3	0.43
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	3	0.43
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	3	0.43
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	3	0.43
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	3	0.43
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	3	0.43
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	3	0.43
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	3	0.43
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	3	0.43
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	3	0.43
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	3	0.43
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	3	0.43
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	19	0.43
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	19	0.43
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	19	0.43
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	19	0.43
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	19	0.43
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	19	0.43
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	19	0.43
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	19	0.43
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	19	0.43
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	19	0.43
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	19	0.43
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	19	0.43
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	19	0.43
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	19	0.43
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	19	0.43
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	19	0.43
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	19	0.43
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	19	0.43
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	19	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	19	0.43
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	19	0.43
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	19	0.43
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	19	0.43
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	19	0.43
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	19	0.43
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	19	0.43
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	19	0.43
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	1	0.43
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	1	0.43
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	1	0.43
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	1	0.43
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	1	0.43
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	1	0.43
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	1	0.43
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	1	0.43
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	1	0.43
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	1	0.43
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	1	0.43
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	1	0.43
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	1	0.43
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	1	0.43
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	1	0.43
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	1	0.43
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	1	0.43
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	1	0.43
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	13	0.43
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	13	0.43
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	13	0.43
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	13	0.43
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	13	0.43
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	13	0.43
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	13	0.43
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	13	0.43
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	13	0.43
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	13	0.43
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	13	0.43
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	13	0.43
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	13	0.43
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	13	0.43
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	13	0.43
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	13	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	13	0.43
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	13	0.43
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	17	0.42
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	17	0.42
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	17	0.42
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	17	0.42
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	17	0.42
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	17	0.42
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	17	0.42
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	17	0.42
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	17	0.42
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	17	0.42
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	17	0.42
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	17	0.42
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	17	0.42
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	17	0.42
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	17	0.42
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	17	0.42
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	17	0.42
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	17	0.42
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	19	0.42
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	19	0.42
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	19	0.42
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	19	0.42
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	19	0.42
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	19	0.42
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	19	0.42
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	19	0.42
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	19	0.42
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	15	0.42
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	15	0.42
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	15	0.42
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	15	0.42
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	15	0.42
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	15	0.42
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	15	0.42
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	15	0.42
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	15	0.42
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	1	0.42
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	1	0.42
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	1	0.42
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	1	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	1	0.42
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	1	0.42
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	1	0.42
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	1	0.42
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	1	0.42
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	1	0.42
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	1	0.42
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	1	0.42
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	1	0.42
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	1	0.42
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	1	0.42
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	1	0.42
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	1	0.42
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	5	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	5	0.42
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	5	0.42
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	5	0.42
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	5	0.42
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	5	0.42
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	5	0.42
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	5	0.42
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	5	0.42
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	5	0.42
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	5	0.42
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	5	0.42
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	5	0.42
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	5	0.42
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	5	0.42
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	5	0.42
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	5	0.42
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	5	0.42
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	5	0.42
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	5	0.42
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	5	0.42
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	5	0.42
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	5	0.42
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	5	0.42
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	5	0.42
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	5	0.42
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	5	0.42
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	11	0.42
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	11	0.42
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	11	0.42
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	11	0.42
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	11	0.42
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	11	0.42
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	11	0.42
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	11	0.42
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	11	0.42
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	11	0.42
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	11	0.42
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	11	0.42
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	11	0.42
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	11	0.42
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	11	0.42
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	11	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	11	0.42
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	11	0.42
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	11	0.42
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	11	0.42
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	11	0.42
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	11	0.42
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	11	0.42
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	11	0.42
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	11	0.42
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	11	0.42
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	11	0.42
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	11	0.42
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	11	0.42
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	11	0.42
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	11	0.42
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	10	0.42
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	10	0.42
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	10	0.42
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	10	0.42
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	10	0.42
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	10	0.42
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	10	0.42
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	10	0.42
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	10	0.42
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	13	0.42
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	13	0.42
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	13	0.42
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	13	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	13	0.42
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	13	0.42
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	13	0.42
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	13	0.42
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	13	0.42
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	13	0.42
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	13	0.42
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	13	0.42
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	13	0.42
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	13	0.42
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	13	0.42
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	13	0.42
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	13	0.42
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	13	0.42
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	13	0.42
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	13	0.42
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	13	0.42
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	13	0.42
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	13	0.42
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	13	0.42
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	13	0.42
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	13	0.42
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	13	0.42
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	10	0.42
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	10	0.42
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	10	0.42
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	10	0.42
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	10	0.42
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	10	0.42
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	10	0.42
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	10	0.42
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	10	0.42
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	8	0.42
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	8	0.42
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	8	0.42
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	8	0.42
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	8	0.42
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	8	0.42
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	8	0.42
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	8	0.42
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	8	0.42
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	8	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	8	0.42
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	8	0.42
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	8	0.42
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	8	0.42
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	8	0.42
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	8	0.42
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	8	0.42
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	8	0.42
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	8	0.42
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	8	0.42
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	8	0.42
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	8	0.42
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	8	0.42
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	8	0.42
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	8	0.42
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	8	0.42
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	8	0.42
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	14	0.42
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	14	0.42
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	14	0.42
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	14	0.42
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	14	0.42
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	14	0.42
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	14	0.42
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	14	0.42
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	14	0.42
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	14	0.42
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	14	0.42
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	14	0.42
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	14	0.42
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	14	0.42
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	14	0.42
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	14	0.42
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	14	0.42
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	14	0.42
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	14	0.42
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	14	0.42
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	14	0.42
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	14	0.42
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	14	0.42
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	14	0.42
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	14	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	14	0.42
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	14	0.42
(1,25)	1:A:11:GLU:HG2	1:A:11:GLU:HA	3	0.42
(1,25)	1:A:11:GLU:HG2	1:B:11:GLU:HA	3	0.42
(1,25)	1:A:11:GLU:HG2	1:C:11:GLU:HA	3	0.42
(1,25)	1:A:11:GLU:HG3	1:A:11:GLU:HA	3	0.42
(1,25)	1:A:11:GLU:HG3	1:B:11:GLU:HA	3	0.42
(1,25)	1:A:11:GLU:HG3	1:C:11:GLU:HA	3	0.42
(1,25)	1:B:11:GLU:HG2	1:A:11:GLU:HA	3	0.42
(1,25)	1:B:11:GLU:HG2	1:B:11:GLU:HA	3	0.42
(1,25)	1:B:11:GLU:HG2	1:C:11:GLU:HA	3	0.42
(1,25)	1:B:11:GLU:HG3	1:A:11:GLU:HA	3	0.42
(1,25)	1:B:11:GLU:HG3	1:B:11:GLU:HA	3	0.42
(1,25)	1:B:11:GLU:HG3	1:C:11:GLU:HA	3	0.42
(1,25)	1:C:11:GLU:HG2	1:A:11:GLU:HA	3	0.42
(1,25)	1:C:11:GLU:HG2	1:B:11:GLU:HA	3	0.42
(1,25)	1:C:11:GLU:HG2	1:C:11:GLU:HA	3	0.42
(1,25)	1:C:11:GLU:HG3	1:A:11:GLU:HA	3	0.42
(1,25)	1:C:11:GLU:HG3	1:B:11:GLU:HA	3	0.42
(1,25)	1:C:11:GLU:HG3	1:C:11:GLU:HA	3	0.42
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	10	0.42
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	10	0.42
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	10	0.42
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	10	0.42
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	10	0.42
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	10	0.42
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	10	0.42
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	10	0.42
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	10	0.42
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	10	0.42
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	10	0.42
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	10	0.42
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	10	0.42
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	10	0.42
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	10	0.42
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	10	0.42
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	10	0.42
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	10	0.42
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	10	0.42
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	10	0.42
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	10	0.42
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	10	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	10	0.42
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	10	0.42
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	10	0.42
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	10	0.42
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	10	0.42
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	4	0.42
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	4	0.42
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	4	0.42
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	4	0.42
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	4	0.42
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	4	0.42
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	4	0.42
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	4	0.42
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	4	0.42
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	4	0.42
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	4	0.42
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	4	0.42
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	4	0.42
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	4	0.42
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	4	0.42
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	4	0.42
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	4	0.42
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	4	0.42
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	17	0.42
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	17	0.42
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	17	0.42
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	17	0.42
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	17	0.42
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	17	0.42
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	17	0.42
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	17	0.42
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	17	0.42
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	17	0.42
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	17	0.42
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	17	0.42
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	17	0.42
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	17	0.42
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	17	0.42
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	17	0.42
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	17	0.42
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	17	0.42
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG21	9	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG22	9	0.41
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG23	9	0.41
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG21	9	0.41
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG22	9	0.41
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG23	9	0.41
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG21	9	0.41
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG22	9	0.41
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG23	9	0.41
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG21	9	0.41
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG22	9	0.41
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG23	9	0.41
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG21	9	0.41
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG22	9	0.41
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG23	9	0.41
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG21	9	0.41
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG22	9	0.41
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG23	9	0.41
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG21	9	0.41
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG22	9	0.41
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG23	9	0.41
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG21	9	0.41
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG22	9	0.41
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG23	9	0.41
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG21	9	0.41
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG22	9	0.41
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG23	9	0.41
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	7	0.41
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	7	0.41
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	7	0.41
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	7	0.41
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	7	0.41
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	7	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	7	0.41
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	7	0.41
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	7	0.41
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	7	0.41
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	7	0.41
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	7	0.41
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	7	0.41
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	7	0.41
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	7	0.41
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	7	0.41
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	7	0.41
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	7	0.41
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	7	0.41
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	7	0.41
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	7	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	7	0.41
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	7	0.41
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	7	0.41
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	7	0.41
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	7	0.41
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	7	0.41
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	7	0.41
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	7	0.41
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	7	0.41
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	7	0.41
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	7	0.41
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	7	0.41
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	7	0.41
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	7	0.41
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	7	0.41
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	7	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	7	0.41
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	7	0.41
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	7	0.41
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	7	0.41
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	7	0.41
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	7	0.41
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	7	0.41
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	7	0.41
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	7	0.41
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	7	0.41
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	7	0.41
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	7	0.41
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	7	0.41
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	7	0.41
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	16	0.41
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	16	0.41
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	16	0.41
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	16	0.41
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	16	0.41
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	16	0.41
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	16	0.41
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	16	0.41
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	16	0.41
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	16	0.41
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	16	0.41
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	16	0.41
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	16	0.41
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	16	0.41
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	16	0.41
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	16	0.41
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	16	0.41
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	16	0.41
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	16	0.41
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	16	0.41
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	16	0.41
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	16	0.41
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	16	0.41
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	16	0.41
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	16	0.41
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	16	0.41
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	16	0.41
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	16	0.41
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	16	0.41
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	16	0.41
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	16	0.41
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	16	0.41
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	16	0.41
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	16	0.41
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	16	0.41
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	16	0.41
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	16	0.41
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	16	0.41
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	16	0.41
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	16	0.41
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	16	0.41
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	16	0.41
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	16	0.41
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	16	0.41
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	16	0.41
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	16	0.41
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	16	0.41
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	16	0.41
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	16	0.41
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	16	0.41
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	16	0.41
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	16	0.41
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	16	0.41
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	16	0.41
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	16	0.41
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	16	0.41
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	16	0.41
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	16	0.41
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	16	0.41
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	16	0.41
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	16	0.41
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	1	0.41
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	1	0.41
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	1	0.41
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	1	0.41
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	1	0.41
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	1	0.41
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	1	0.41
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	1	0.41
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	1	0.41
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	16	0.41
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	16	0.41
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	16	0.41
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	16	0.41
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	16	0.41
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	16	0.41
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	16	0.41
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	16	0.41
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	16	0.41
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	1	0.41
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	1	0.41
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	1	0.41
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	1	0.41
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	1	0.41
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	1	0.41
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	1	0.41
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	1	0.41
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	1	0.41
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	20	0.41
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	20	0.41
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	20	0.41
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	20	0.41
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	20	0.41
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	20	0.41
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	20	0.41
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	20	0.41
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	20	0.41
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	4	0.41
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	4	0.41
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	4	0.41
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	4	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	4	0.41
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	4	0.41
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	4	0.41
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	4	0.41
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	4	0.41
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	4	0.41
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	4	0.41
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	4	0.41
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	4	0.41
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	4	0.41
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	4	0.41
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	4	0.41
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	4	0.41
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	4	0.41
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	4	0.41
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	4	0.41
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	4	0.41
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	4	0.41
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	4	0.41
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	4	0.41
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	4	0.41
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	4	0.41
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	4	0.41
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	20	0.41
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	20	0.41
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	20	0.41
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	20	0.41
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	20	0.41
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	20	0.41
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	20	0.41
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	20	0.41
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	20	0.41
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	20	0.41
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	20	0.41
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	20	0.41
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	20	0.41
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	20	0.41
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	20	0.41
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	20	0.41
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	20	0.41
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	20	0.41
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	20	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	20	0.41
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	20	0.41
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	20	0.41
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	20	0.41
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	20	0.41
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	20	0.41
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	20	0.41
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	20	0.41
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	1	0.41
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	1	0.41
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	1	0.41
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	1	0.41
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	1	0.41
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	1	0.41
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	1	0.41
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	1	0.41
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	1	0.41
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	1	0.41
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	1	0.41
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	1	0.41
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	1	0.41
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	1	0.41
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	1	0.41
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	1	0.41
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	1	0.41
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	1	0.41
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	19	0.41
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	19	0.41
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	19	0.41
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	19	0.41
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	19	0.41
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	19	0.41
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	19	0.41
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	19	0.41
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	19	0.41
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	19	0.41
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	19	0.41
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	19	0.41
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	19	0.41
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	19	0.41
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	19	0.41
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	19	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	19	0.41
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	19	0.41
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	1	0.41
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	1	0.41
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	1	0.41
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	1	0.41
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	1	0.41
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	1	0.41
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	1	0.41
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	1	0.41
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	1	0.41
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	8	0.41
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	8	0.41
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	8	0.41
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	8	0.41
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	8	0.41
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	8	0.41
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	8	0.41
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	8	0.41
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	8	0.41
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	10	0.41
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	10	0.41
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	10	0.41
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	10	0.41
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	10	0.41
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	10	0.41
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	10	0.41
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	10	0.41
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	10	0.41
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	11	0.41
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	11	0.41
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	11	0.41
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	11	0.41
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	11	0.41
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	11	0.41
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	11	0.41
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	11	0.41
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	11	0.41
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	13	0.41
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	13	0.41
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	13	0.41
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	13	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	13	0.41
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	13	0.41
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	13	0.41
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	13	0.41
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	13	0.41
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	14	0.41
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	14	0.41
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	14	0.41
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	14	0.41
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	14	0.41
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	14	0.41
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	14	0.41
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	14	0.41
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	14	0.41
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	15	0.41
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	15	0.41
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	15	0.41
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	15	0.41
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	15	0.41
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	15	0.41
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	15	0.41
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	15	0.41
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	15	0.41
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	17	0.41
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	17	0.41
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	17	0.41
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	17	0.41
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	17	0.41
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	17	0.41
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	17	0.41
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	17	0.41
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	17	0.41
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	19	0.41
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	19	0.41
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	19	0.41
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	19	0.41
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	19	0.41
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	19	0.41
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	19	0.41
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	19	0.41
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	19	0.41
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	16	0.41
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	16	0.41
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	16	0.41
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	16	0.41
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	16	0.41
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	16	0.41
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	16	0.41
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	16	0.41
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	16	0.41
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	16	0.41
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	16	0.41
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	16	0.41
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	16	0.41
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	16	0.41
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	16	0.41
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	16	0.41
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	16	0.41
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	7	0.4
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	7	0.4
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	7	0.4
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	7	0.4
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	7	0.4
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	7	0.4
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	7	0.4
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	7	0.4
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	7	0.4
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	17	0.4
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	17	0.4
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	17	0.4
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	17	0.4
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	17	0.4
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	17	0.4
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	17	0.4
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	17	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	17	0.4
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	17	0.4
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	17	0.4
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	17	0.4
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	17	0.4
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	17	0.4
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	17	0.4
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	17	0.4
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	17	0.4
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	17	0.4
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	17	0.4
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	17	0.4
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	17	0.4
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	17	0.4
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	17	0.4
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	17	0.4
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	17	0.4
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	17	0.4
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	17	0.4
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	17	0.4
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	17	0.4
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	17	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	17	0.4
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	17	0.4
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	17	0.4
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	17	0.4
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	12	0.4
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	12	0.4
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	12	0.4
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	12	0.4
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	12	0.4
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	12	0.4
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	12	0.4
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	12	0.4
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	12	0.4
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	12	0.4
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	12	0.4
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	12	0.4
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	12	0.4
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	12	0.4
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	12	0.4
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	12	0.4
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	12	0.4
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	12	0.4
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	12	0.4
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	12	0.4
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	12	0.4
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	12	0.4
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	12	0.4
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	12	0.4
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	12	0.4
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	12	0.4
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	12	0.4
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	12	0.4
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	12	0.4
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	12	0.4
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	12	0.4
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	12	0.4
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	12	0.4
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	12	0.4
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	12	0.4
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	12	0.4
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	12	0.4
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	12	0.4
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	12	0.4
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	12	0.4
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	12	0.4
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	12	0.4
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	12	0.4
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	12	0.4
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	12	0.4
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	12	0.4
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	12	0.4
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	12	0.4
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	13	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	13	0.4
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	13	0.4
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	13	0.4
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	13	0.4
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	13	0.4
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	13	0.4
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	13	0.4
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	13	0.4
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	13	0.4
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	13	0.4
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	13	0.4
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	13	0.4
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	13	0.4
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	13	0.4
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	13	0.4
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	13	0.4
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	13	0.4
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	13	0.4
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	13	0.4
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	13	0.4
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	13	0.4
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	13	0.4
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	13	0.4
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	13	0.4
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	13	0.4
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	13	0.4
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	13	0.4
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	13	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	13	0.4
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	13	0.4
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	13	0.4
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	13	0.4
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	13	0.4
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	13	0.4
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	13	0.4
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	13	0.4
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	13	0.4
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	13	0.4
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	13	0.4
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	13	0.4
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	13	0.4
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	13	0.4
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	13	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	13	0.4
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	13	0.4
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	13	0.4
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	13	0.4
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	13	0.4
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	13	0.4
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	13	0.4
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	13	0.4
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	13	0.4
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	13	0.4
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	13	0.4
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	13	0.4
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	13	0.4
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	13	0.4
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	13	0.4
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	13	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	13	0.4
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	13	0.4
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	13	0.4
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	13	0.4
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	13	0.4
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	6	0.4
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	6	0.4
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	6	0.4
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	6	0.4
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	6	0.4
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	6	0.4
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	6	0.4
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	6	0.4
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	6	0.4
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	6	0.4
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	6	0.4
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	6	0.4
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	6	0.4
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	6	0.4
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	6	0.4
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	6	0.4
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	6	0.4
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	6	0.4
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	6	0.4
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	6	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	6	0.4
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	6	0.4
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	6	0.4
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	6	0.4
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	6	0.4
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	6	0.4
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	6	0.4
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	6	0.4
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	6	0.4
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	6	0.4
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	6	0.4
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	1	0.4
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	1	0.4
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	1	0.4
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	1	0.4
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	1	0.4
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	1	0.4
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	1	0.4
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	1	0.4
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	1	0.4
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	1	0.4
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	1	0.4
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	1	0.4
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	1	0.4
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	1	0.4
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	1	0.4
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	1	0.4
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	1	0.4
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	1	0.4
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	1	0.4
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	1	0.4
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	1	0.4
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	1	0.4
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	1	0.4
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	1	0.4
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	1	0.4
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	1	0.4
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	1	0.4
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	5	0.4
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	5	0.4
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	5	0.4
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	5	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	5	0.4
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	5	0.4
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	5	0.4
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	5	0.4
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	5	0.4
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	7	0.4
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	7	0.4
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	7	0.4
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	7	0.4
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	7	0.4
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	7	0.4
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	7	0.4
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	7	0.4
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	7	0.4
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	7	0.4
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	7	0.4
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	7	0.4
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	7	0.4
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	7	0.4
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	7	0.4
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	7	0.4
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	7	0.4
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	7	0.4
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	7	0.4
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	7	0.4
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	7	0.4
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	7	0.4
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	7	0.4
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	7	0.4
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	7	0.4
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	7	0.4
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	7	0.4
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	20	0.4
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	20	0.4
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	20	0.4
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	20	0.4
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	20	0.4
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	20	0.4
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	20	0.4
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	20	0.4
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	20	0.4
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	3	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	3	0.4
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	3	0.4
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	3	0.4
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	3	0.4
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	3	0.4
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	3	0.4
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	3	0.4
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	3	0.4
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	8	0.4
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	8	0.4
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	8	0.4
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	8	0.4
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	8	0.4
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	8	0.4
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	8	0.4
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	8	0.4
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	8	0.4
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	10	0.4
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	10	0.4
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	10	0.4
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	10	0.4
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	10	0.4
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	10	0.4
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	10	0.4
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	10	0.4
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	10	0.4
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	11	0.4
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	11	0.4
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	11	0.4
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	11	0.4
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	11	0.4
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	11	0.4
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	11	0.4
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	11	0.4
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	11	0.4
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	11	0.4
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	11	0.4
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	11	0.4
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	11	0.4
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	11	0.4
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	11	0.4
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	11	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	11	0.4
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	11	0.4
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	11	0.4
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	11	0.4
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	11	0.4
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	11	0.4
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	11	0.4
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	11	0.4
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	11	0.4
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	11	0.4
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	11	0.4
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	20	0.4
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	20	0.4
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	20	0.4
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	20	0.4
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	20	0.4
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	20	0.4
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	20	0.4
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	20	0.4
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	20	0.4
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	20	0.4
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	20	0.4
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	20	0.4
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	20	0.4
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	20	0.4
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	20	0.4
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	20	0.4
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	20	0.4
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	20	0.4
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	20	0.4
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	20	0.4
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	20	0.4
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	20	0.4
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	20	0.4
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	20	0.4
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	20	0.4
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	20	0.4
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	20	0.4
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	13	0.4
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	13	0.4
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	13	0.4
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	13	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	13	0.4
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	13	0.4
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	13	0.4
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	13	0.4
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	13	0.4
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	13	0.4
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	13	0.4
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	13	0.4
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	13	0.4
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	13	0.4
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	13	0.4
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	13	0.4
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	13	0.4
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	13	0.4
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	13	0.4
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	13	0.4
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	13	0.4
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	13	0.4
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	13	0.4
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	13	0.4
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	13	0.4
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	13	0.4
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	13	0.4
(1,239)	1:A:9:PHE:HD1	1:A:13:GLY:HA3	8	0.4
(1,239)	1:A:9:PHE:HD1	1:B:13:GLY:HA3	8	0.4
(1,239)	1:A:9:PHE:HD1	1:C:13:GLY:HA3	8	0.4
(1,239)	1:A:9:PHE:HD2	1:A:13:GLY:HA3	8	0.4
(1,239)	1:A:9:PHE:HD2	1:B:13:GLY:HA3	8	0.4
(1,239)	1:A:9:PHE:HD2	1:C:13:GLY:HA3	8	0.4
(1,239)	1:A:9:PHE:HE1	1:A:13:GLY:HA3	8	0.4
(1,239)	1:A:9:PHE:HE1	1:B:13:GLY:HA3	8	0.4
(1,239)	1:A:9:PHE:HE1	1:C:13:GLY:HA3	8	0.4
(1,239)	1:A:9:PHE:HE2	1:A:13:GLY:HA3	8	0.4
(1,239)	1:A:9:PHE:HE2	1:B:13:GLY:HA3	8	0.4
(1,239)	1:A:9:PHE:HE2	1:C:13:GLY:HA3	8	0.4
(1,239)	1:A:9:PHE:HZ	1:A:13:GLY:HA3	8	0.4
(1,239)	1:A:9:PHE:HZ	1:B:13:GLY:HA3	8	0.4
(1,239)	1:A:9:PHE:HZ	1:C:13:GLY:HA3	8	0.4
(1,239)	1:B:9:PHE:HD1	1:A:13:GLY:HA3	8	0.4
(1,239)	1:B:9:PHE:HD1	1:B:13:GLY:HA3	8	0.4
(1,239)	1:B:9:PHE:HD1	1:C:13:GLY:HA3	8	0.4
(1,239)	1:B:9:PHE:HD2	1:A:13:GLY:HA3	8	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:B:9:PHE:HD2	1:B:13:GLY:HA3	8	0.4
(1,239)	1:B:9:PHE:HD2	1:C:13:GLY:HA3	8	0.4
(1,239)	1:B:9:PHE:HE1	1:A:13:GLY:HA3	8	0.4
(1,239)	1:B:9:PHE:HE1	1:B:13:GLY:HA3	8	0.4
(1,239)	1:B:9:PHE:HE1	1:C:13:GLY:HA3	8	0.4
(1,239)	1:B:9:PHE:HE2	1:A:13:GLY:HA3	8	0.4
(1,239)	1:B:9:PHE:HE2	1:B:13:GLY:HA3	8	0.4
(1,239)	1:B:9:PHE:HE2	1:C:13:GLY:HA3	8	0.4
(1,239)	1:B:9:PHE:HZ	1:A:13:GLY:HA3	8	0.4
(1,239)	1:B:9:PHE:HZ	1:B:13:GLY:HA3	8	0.4
(1,239)	1:B:9:PHE:HZ	1:C:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HD1	1:A:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HD1	1:B:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HD1	1:C:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HD2	1:A:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HD2	1:B:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HD2	1:C:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HE1	1:A:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HE1	1:B:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HE1	1:C:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HE2	1:A:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HE2	1:B:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HE2	1:C:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HZ	1:A:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HZ	1:B:13:GLY:HA3	8	0.4
(1,239)	1:C:9:PHE:HZ	1:C:13:GLY:HA3	8	0.4
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	2	0.4
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	2	0.4
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	2	0.4
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	2	0.4
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	2	0.4
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	2	0.4
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	2	0.4
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	2	0.4
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	2	0.4
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	2	0.4
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	2	0.4
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	2	0.4
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	2	0.4
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	2	0.4
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	2	0.4
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	2	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	2	0.4
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	2	0.4
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	2	0.4
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	2	0.4
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	2	0.4
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	2	0.4
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	2	0.4
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	2	0.4
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	2	0.4
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	2	0.4
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	2	0.4
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	19	0.4
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	19	0.4
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	19	0.4
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	19	0.4
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	19	0.4
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	19	0.4
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	19	0.4
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	19	0.4
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	19	0.4
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	19	0.4
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	19	0.4
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	19	0.4
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	19	0.4
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	19	0.4
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	19	0.4
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	19	0.4
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	19	0.4
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	19	0.4
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	19	0.4
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	19	0.4
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	19	0.4
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	19	0.4
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	19	0.4
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	19	0.4
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	19	0.4
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	19	0.4
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	19	0.4
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	14	0.4
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	14	0.4
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	14	0.4
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	14	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	14	0.4
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	14	0.4
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	14	0.4
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	14	0.4
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	14	0.4
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	14	0.4
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	14	0.4
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	14	0.4
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	14	0.4
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	14	0.4
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	14	0.4
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	14	0.4
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	14	0.4
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	14	0.4
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	12	0.4
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	12	0.4
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	12	0.4
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	12	0.4
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	12	0.4
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	12	0.4
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	12	0.4
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	12	0.4
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	12	0.4
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	12	0.4
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	12	0.4
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	12	0.4
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	12	0.4
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	12	0.4
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	12	0.4
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	12	0.4
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	12	0.4
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	12	0.4
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	12	0.4
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	12	0.4
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	12	0.4
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	12	0.4
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	12	0.4
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	12	0.4
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	12	0.4
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	12	0.4
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	12	0.4
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	9	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	9	0.4
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	9	0.4
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	9	0.4
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	9	0.4
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	9	0.4
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	9	0.4
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	9	0.4
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	9	0.4
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	9	0.4
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	9	0.4
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	9	0.4
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	9	0.4
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	9	0.4
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	9	0.4
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	9	0.4
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	9	0.4
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	9	0.4
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	18	0.4
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	18	0.4
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	18	0.4
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	18	0.4
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	18	0.4
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	18	0.4
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	18	0.4
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	18	0.4
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	18	0.4
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	18	0.4
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	18	0.4
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	18	0.4
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	18	0.4
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	18	0.4
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	18	0.4
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	18	0.4
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	18	0.4
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	18	0.4
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	2	0.4
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	2	0.4
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	2	0.4
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	2	0.4
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	2	0.4
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	2	0.4
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	2	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	2	0.4
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	2	0.4
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	3	0.4
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	3	0.4
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	3	0.4
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	3	0.4
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	3	0.4
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	3	0.4
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	3	0.4
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	3	0.4
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	3	0.4
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	4	0.4
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	4	0.4
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	4	0.4
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	4	0.4
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	4	0.4
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	4	0.4
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	4	0.4
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	4	0.4
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	4	0.4
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	5	0.4
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	5	0.4
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	5	0.4
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	5	0.4
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	5	0.4
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	5	0.4
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	5	0.4
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	5	0.4
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	5	0.4
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	6	0.4
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	6	0.4
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	6	0.4
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	6	0.4
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	6	0.4
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	6	0.4
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	6	0.4
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	6	0.4
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	6	0.4
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	7	0.4
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	7	0.4
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	7	0.4
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	7	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	7	0.4
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	7	0.4
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	7	0.4
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	7	0.4
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	7	0.4
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	9	0.4
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	9	0.4
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	9	0.4
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	9	0.4
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	9	0.4
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	9	0.4
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	9	0.4
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	9	0.4
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	9	0.4
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	12	0.4
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	12	0.4
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	12	0.4
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	12	0.4
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	12	0.4
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	12	0.4
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	12	0.4
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	12	0.4
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	12	0.4
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	16	0.4
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	16	0.4
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	16	0.4
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	16	0.4
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	16	0.4
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	16	0.4
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	16	0.4
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	16	0.4
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	16	0.4
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	18	0.4
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	18	0.4
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	18	0.4
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	18	0.4
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	18	0.4
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	18	0.4
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	18	0.4
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	18	0.4
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	18	0.4
(1,143)	1:A:16:GLY:HA3	1:A:16:GLY:H	20	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,143)	1:A:16:GLY:HA3	1:B:16:GLY:H	20	0.4
(1,143)	1:A:16:GLY:HA3	1:C:16:GLY:H	20	0.4
(1,143)	1:B:16:GLY:HA3	1:A:16:GLY:H	20	0.4
(1,143)	1:B:16:GLY:HA3	1:B:16:GLY:H	20	0.4
(1,143)	1:B:16:GLY:HA3	1:C:16:GLY:H	20	0.4
(1,143)	1:C:16:GLY:HA3	1:A:16:GLY:H	20	0.4
(1,143)	1:C:16:GLY:HA3	1:B:16:GLY:H	20	0.4
(1,143)	1:C:16:GLY:HA3	1:C:16:GLY:H	20	0.4
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	10	0.39
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	10	0.39
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	10	0.39
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	10	0.39
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	10	0.39
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	10	0.39
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	10	0.39
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	10	0.39
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	10	0.39
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	10	0.39
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	10	0.39
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	10	0.39
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	10	0.39
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	10	0.39
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	10	0.39
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	10	0.39
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	10	0.39
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	10	0.39
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	9	0.39
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	9	0.39
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	9	0.39
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	9	0.39
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	9	0.39
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	9	0.39
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	9	0.39
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	9	0.39
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	9	0.39
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	5	0.39
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	5	0.39
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	5	0.39
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	5	0.39
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	5	0.39
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	5	0.39
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	5	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	5	0.39
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	5	0.39
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	18	0.39
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	18	0.39
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	18	0.39
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	18	0.39
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	18	0.39
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	18	0.39
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	18	0.39
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	18	0.39
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	18	0.39
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	2	0.39
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	2	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	2	0.39
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	2	0.39
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	2	0.39
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	2	0.39
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	2	0.39
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	2	0.39
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	2	0.39
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	2	0.39
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	2	0.39
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	2	0.39
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	2	0.39
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	2	0.39
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	2	0.39
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	2	0.39
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	2	0.39
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	2	0.39
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	2	0.39
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	2	0.39
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	2	0.39
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	2	0.39
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	2	0.39
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	2	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	2	0.39
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	2	0.39
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	2	0.39
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	2	0.39
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	2	0.39
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	2	0.39
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	2	0.39
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	2	0.39
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	2	0.39
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	2	0.39
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	16	0.39
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	16	0.39
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	16	0.39
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	16	0.39
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	16	0.39
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	16	0.39
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	16	0.39
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	16	0.39
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	16	0.39
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	16	0.39
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	16	0.39
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	16	0.39
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	16	0.39
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	16	0.39
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	16	0.39
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	16	0.39
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	16	0.39
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	16	0.39
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	16	0.39
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	16	0.39
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	16	0.39
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	16	0.39
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	16	0.39
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	16	0.39
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	16	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	16	0.39
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	16	0.39
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	16	0.39
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	16	0.39
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	16	0.39
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	16	0.39
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	16	0.39
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	16	0.39
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	16	0.39
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	16	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	16	0.39
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	16	0.39
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	16	0.39
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	16	0.39
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	16	0.39
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	16	0.39
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	16	0.39
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	16	0.39
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	16	0.39
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	16	0.39
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	16	0.39
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	16	0.39
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	16	0.39
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	6	0.39
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	6	0.39
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	6	0.39
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	6	0.39
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	6	0.39
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	6	0.39
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	6	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	6	0.39
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	6	0.39
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	6	0.39
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	6	0.39
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	6	0.39
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	6	0.39
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	6	0.39
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	6	0.39
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	6	0.39
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	6	0.39
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	6	0.39
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	6	0.39
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	6	0.39
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	6	0.39
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	6	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	6	0.39
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	6	0.39
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	6	0.39
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	6	0.39
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	6	0.39
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	6	0.39
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	6	0.39
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	6	0.39
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	6	0.39
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	6	0.39
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	6	0.39
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	6	0.39
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	6	0.39
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	6	0.39
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	6	0.39
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	6	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	6	0.39
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	6	0.39
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	6	0.39
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	6	0.39
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	6	0.39
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	6	0.39
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	6	0.39
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	6	0.39
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	6	0.39
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	6	0.39
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	6	0.39
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	6	0.39
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	6	0.39
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	18	0.39
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	18	0.39
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	18	0.39
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	18	0.39
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	18	0.39
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	18	0.39
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	18	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	18	0.39
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	18	0.39
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	18	0.39
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	18	0.39
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	18	0.39
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	18	0.39
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	18	0.39
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	18	0.39
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	18	0.39
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	18	0.39
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	18	0.39
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	18	0.39
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	18	0.39
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	18	0.39
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	18	0.39
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	18	0.39
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	18	0.39
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	18	0.39
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	18	0.39
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	18	0.39
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	18	0.39
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	18	0.39
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	18	0.39
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	18	0.39
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	18	0.39
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	18	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	18	0.39
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	18	0.39
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	18	0.39
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	18	0.39
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	18	0.39
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	18	0.39
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	18	0.39
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	18	0.39
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	18	0.39
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	18	0.39
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	18	0.39
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	18	0.39
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	18	0.39
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	18	0.39
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	18	0.39
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	18	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	18	0.39
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	18	0.39
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	18	0.39
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	18	0.39
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	18	0.39
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	18	0.39
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	18	0.39
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	18	0.39
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	18	0.39
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	18	0.39
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	18	0.39
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	18	0.39
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	18	0.39
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	18	0.39
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	18	0.39
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	18	0.39
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	6	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	6	0.39
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	6	0.39
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	6	0.39
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	6	0.39
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	6	0.39
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	6	0.39
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	6	0.39
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	6	0.39
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	6	0.39
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	6	0.39
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	6	0.39
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	6	0.39
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	6	0.39
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	6	0.39
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	6	0.39
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	6	0.39
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	6	0.39
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	6	0.39
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	6	0.39
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	6	0.39
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	6	0.39
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	6	0.39
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	6	0.39
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	6	0.39
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	6	0.39
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	6	0.39
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	12	0.39
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	12	0.39
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	12	0.39
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	12	0.39
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	12	0.39
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	12	0.39
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	12	0.39
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	12	0.39
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	12	0.39
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	12	0.39
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	12	0.39
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	12	0.39
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	12	0.39
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	12	0.39
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	12	0.39
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	12	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	12	0.39
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	12	0.39
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	12	0.39
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	12	0.39
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	12	0.39
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	12	0.39
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	12	0.39
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	12	0.39
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	12	0.39
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	12	0.39
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	12	0.39
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	3	0.39
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	3	0.39
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	3	0.39
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	3	0.39
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	3	0.39
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	3	0.39
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	3	0.39
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	3	0.39
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	3	0.39
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	3	0.39
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	3	0.39
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	3	0.39
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	3	0.39
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	3	0.39
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	3	0.39
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	3	0.39
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	3	0.39
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	3	0.39
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	3	0.39
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	3	0.39
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	3	0.39
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	3	0.39
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	3	0.39
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	3	0.39
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	3	0.39
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	3	0.39
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	3	0.39
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	3	0.39
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	3	0.39
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	3	0.39
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	3	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	3	0.39
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	3	0.39
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	3	0.39
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	3	0.39
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	3	0.39
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	3	0.39
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	3	0.39
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	3	0.39
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	3	0.39
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	3	0.39
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	3	0.39
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	3	0.39
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	3	0.39
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	3	0.39
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	3	0.39
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	3	0.39
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	3	0.39
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	3	0.39
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	3	0.39
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	3	0.39
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	3	0.39
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	3	0.39
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	3	0.39
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	7	0.39
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	7	0.39
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	7	0.39
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	7	0.39
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	7	0.39
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	7	0.39
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	7	0.39
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	7	0.39
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	7	0.39
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	7	0.39
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	7	0.39
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	7	0.39
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	7	0.39
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	7	0.39
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	7	0.39
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	7	0.39
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	7	0.39
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	7	0.39
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	7	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	7	0.39
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	7	0.39
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	7	0.39
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	7	0.39
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	7	0.39
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	7	0.39
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	7	0.39
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	7	0.39
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	7	0.39
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	7	0.39
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	7	0.39
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	7	0.39
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	7	0.39
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	7	0.39
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	7	0.39
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	7	0.39
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	7	0.39
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	7	0.39
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	7	0.39
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	7	0.39
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	7	0.39
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	7	0.39
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	7	0.39
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	7	0.39
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	7	0.39
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	7	0.39
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	7	0.39
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	7	0.39
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	7	0.39
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	7	0.39
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	7	0.39
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	7	0.39
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	7	0.39
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	7	0.39
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	7	0.39
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	6	0.39
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	6	0.39
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	6	0.39
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	6	0.39
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	6	0.39
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	6	0.39
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	6	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	6	0.39
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	6	0.39
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	6	0.39
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	6	0.39
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	6	0.39
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	6	0.39
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	6	0.39
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	6	0.39
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	6	0.39
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	6	0.39
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	6	0.39
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	6	0.39
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	6	0.39
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	6	0.39
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	6	0.39
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	6	0.39
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	6	0.39
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	6	0.39
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	6	0.39
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	6	0.39
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	12	0.39
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	12	0.39
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	12	0.39
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	12	0.39
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	12	0.39
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	12	0.39
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	12	0.39
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	12	0.39
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	12	0.39
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	12	0.39
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	12	0.39
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	12	0.39
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	12	0.39
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	12	0.39
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	12	0.39
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	12	0.39
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	12	0.39
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	12	0.39
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	12	0.39
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	12	0.39
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	12	0.39
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	12	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	12	0.39
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	12	0.39
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	12	0.39
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	12	0.39
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	12	0.39
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	15	0.39
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	15	0.39
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	15	0.39
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	15	0.39
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	15	0.39
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	15	0.39
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	15	0.39
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	15	0.39
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	15	0.39
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	4	0.39
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	4	0.39
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	4	0.39
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	4	0.39
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	4	0.39
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	4	0.39
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	4	0.39
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	4	0.39
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	4	0.39
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	9	0.39
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	9	0.39
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	9	0.39
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	9	0.39
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	9	0.39
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	9	0.39
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	9	0.39
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	9	0.39
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	9	0.39
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	11	0.39
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	11	0.39
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	11	0.39
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	11	0.39
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	11	0.39
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	11	0.39
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	11	0.39
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	11	0.39
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	11	0.39
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	15	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	15	0.39
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	15	0.39
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	15	0.39
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	15	0.39
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	15	0.39
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	15	0.39
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	15	0.39
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	15	0.39
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	15	0.39
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	15	0.39
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	15	0.39
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	15	0.39
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	15	0.39
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	15	0.39
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	15	0.39
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	15	0.39
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	15	0.39
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	15	0.39
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	15	0.39
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	15	0.39
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	15	0.39
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	15	0.39
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	15	0.39
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	15	0.39
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	15	0.39
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	15	0.39
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	15	0.39
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	15	0.39
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	15	0.39
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	15	0.39
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	15	0.39
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	15	0.39
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	15	0.39
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	15	0.39
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	15	0.39
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	15	0.39
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	15	0.39
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	15	0.39
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	15	0.39
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	15	0.39
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	15	0.39
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	15	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	15	0.39
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	15	0.39
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	15	0.39
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	15	0.39
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	15	0.39
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	15	0.39
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	15	0.39
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	15	0.39
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	15	0.39
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	15	0.39
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	15	0.39
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	15	0.39
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	15	0.39
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	15	0.39
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	15	0.39
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	15	0.39
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	15	0.39
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	15	0.39
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	15	0.39
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	15	0.39
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	8	0.39
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	8	0.39
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	8	0.39
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	8	0.39
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	8	0.39
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	8	0.39
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	8	0.39
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	8	0.39
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	8	0.39
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	8	0.39
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	8	0.39
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	8	0.39
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	8	0.39
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	8	0.39
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	8	0.39
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	8	0.39
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	8	0.39
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	8	0.39
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	8	0.39
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	8	0.39
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	8	0.39
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	8	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	8	0.39
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	8	0.39
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	8	0.39
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	8	0.39
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	8	0.39
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	9	0.39
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	9	0.39
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	9	0.39
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	9	0.39
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	9	0.39
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	9	0.39
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	9	0.39
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	9	0.39
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	9	0.39
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	9	0.39
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	9	0.39
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	9	0.39
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	9	0.39
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	9	0.39
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	9	0.39
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	9	0.39
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	9	0.39
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	9	0.39
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	9	0.39
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	9	0.39
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	9	0.39
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	9	0.39
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	9	0.39
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	9	0.39
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	9	0.39
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	9	0.39
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	9	0.39
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	14	0.39
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	14	0.39
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	14	0.39
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	14	0.39
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	14	0.39
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	14	0.39
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	14	0.39
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	14	0.39
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	14	0.39
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	14	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	14	0.39
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	14	0.39
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	14	0.39
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	14	0.39
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	14	0.39
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	14	0.39
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	14	0.39
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	14	0.39
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	15	0.39
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	15	0.39
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	15	0.39
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	15	0.39
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	15	0.39
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	15	0.39
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	15	0.39
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	15	0.39
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	15	0.39
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	15	0.39
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	15	0.39
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	15	0.39
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	15	0.39
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	15	0.39
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	15	0.39
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	15	0.39
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	15	0.39
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	15	0.39
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG21	2	0.38
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG22	2	0.38
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG23	2	0.38
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG21	2	0.38
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG22	2	0.38
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG23	2	0.38
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG21	2	0.38
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG22	2	0.38
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG23	2	0.38
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG21	2	0.38
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG22	2	0.38
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG23	2	0.38
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG21	2	0.38
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG22	2	0.38
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG23	2	0.38
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG21	2	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG22	2	0.38
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG23	2	0.38
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG21	2	0.38
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG22	2	0.38
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG23	2	0.38
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG21	2	0.38
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG22	2	0.38
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG23	2	0.38
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG21	2	0.38
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG22	2	0.38
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG23	2	0.38
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	1	0.38
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	1	0.38
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	1	0.38
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	1	0.38
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	1	0.38
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	1	0.38
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	1	0.38
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	1	0.38
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	1	0.38
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	1	0.38
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	1	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	1	0.38
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	1	0.38
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	1	0.38
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	1	0.38
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	1	0.38
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	1	0.38
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	1	0.38
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	1	0.38
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	1	0.38
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	1	0.38
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	1	0.38
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	1	0.38
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	1	0.38
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	1	0.38
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	1	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	1	0.38
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	1	0.38
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	1	0.38
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	1	0.38
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	1	0.38
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	1	0.38
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	1	0.38
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	1	0.38
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	1	0.38
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	1	0.38
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	1	0.38
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	1	0.38
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	1	0.38
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	1	0.38
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	1	0.38
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	1	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	1	0.38
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	1	0.38
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	1	0.38
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	1	0.38
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	1	0.38
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	1	0.38
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	1	0.38
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	1	0.38
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	1	0.38
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	17	0.38
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	17	0.38
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	17	0.38
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	17	0.38
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	17	0.38
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	17	0.38
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	17	0.38
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	17	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	17	0.38
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	17	0.38
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	17	0.38
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	17	0.38
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	17	0.38
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	17	0.38
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	17	0.38
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	17	0.38
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	17	0.38
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	17	0.38
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	17	0.38
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	17	0.38
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	17	0.38
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	17	0.38
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	17	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	17	0.38
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	17	0.38
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	17	0.38
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	17	0.38
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	17	0.38
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	17	0.38
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	17	0.38
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	17	0.38
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	17	0.38
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	17	0.38
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	17	0.38
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	17	0.38
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	17	0.38
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	17	0.38
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	17	0.38
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	17	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	17	0.38
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	17	0.38
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	17	0.38
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	17	0.38
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	17	0.38
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	17	0.38
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	17	0.38
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	17	0.38
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	17	0.38
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	17	0.38
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	17	0.38
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	17	0.38
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	20	0.38
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	20	0.38
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	20	0.38
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	20	0.38
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	20	0.38
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	20	0.38
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	20	0.38
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	20	0.38
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	20	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	20	0.38
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	20	0.38
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	20	0.38
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	20	0.38
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	20	0.38
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	20	0.38
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	20	0.38
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	20	0.38
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	20	0.38
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	20	0.38
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	20	0.38
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	20	0.38
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	20	0.38
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	20	0.38
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	20	0.38
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	20	0.38
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	20	0.38
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	20	0.38
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	20	0.38
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	20	0.38
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	20	0.38
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	20	0.38
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	20	0.38
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	20	0.38
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	20	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	20	0.38
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	20	0.38
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	20	0.38
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	20	0.38
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	20	0.38
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	20	0.38
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	20	0.38
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	20	0.38
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	20	0.38
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	20	0.38
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	20	0.38
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	20	0.38
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	20	0.38
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	20	0.38
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	20	0.38
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	20	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	20	0.38
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	20	0.38
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	20	0.38
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	20	0.38
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	20	0.38
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	20	0.38
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	20	0.38
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	20	0.38
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	20	0.38
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	20	0.38
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	20	0.38
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	20	0.38
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	20	0.38
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	20	0.38
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	20	0.38
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	19	0.38
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	19	0.38
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	19	0.38
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	19	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	19	0.38
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	19	0.38
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	19	0.38
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	19	0.38
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	19	0.38
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	19	0.38
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	19	0.38
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	19	0.38
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	19	0.38
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	19	0.38
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	19	0.38
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	19	0.38
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	19	0.38
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	19	0.38
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	19	0.38
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	19	0.38
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	19	0.38
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	19	0.38
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	19	0.38
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	19	0.38
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	19	0.38
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	19	0.38
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	19	0.38
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	19	0.38
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	19	0.38
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	19	0.38
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	19	0.38
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	19	0.38
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	19	0.38
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	19	0.38
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	19	0.38
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	19	0.38
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	19	0.38
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	19	0.38
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	19	0.38
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	19	0.38
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	19	0.38
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	19	0.38
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	19	0.38
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	19	0.38
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	19	0.38
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	19	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	19	0.38
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	19	0.38
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	19	0.38
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	19	0.38
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	19	0.38
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	19	0.38
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	19	0.38
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	19	0.38
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	9	0.38
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	9	0.38
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	9	0.38
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	9	0.38
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	9	0.38
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	9	0.38
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	9	0.38
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	9	0.38
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	9	0.38
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	14	0.38
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	14	0.38
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	14	0.38
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	14	0.38
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	14	0.38
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	14	0.38
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	14	0.38
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	14	0.38
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	14	0.38
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	5	0.38
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	5	0.38
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	5	0.38
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	5	0.38
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	5	0.38
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	5	0.38
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	5	0.38
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	5	0.38
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	5	0.38
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	5	0.38
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	5	0.38
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	5	0.38
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	5	0.38
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	5	0.38
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	5	0.38
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	5	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	5	0.38
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	5	0.38
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	5	0.38
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	5	0.38
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	5	0.38
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	5	0.38
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	5	0.38
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	5	0.38
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	5	0.38
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	5	0.38
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	5	0.38
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	16	0.38
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	16	0.38
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	16	0.38
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	16	0.38
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	16	0.38
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	16	0.38
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	16	0.38
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	16	0.38
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	16	0.38
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	16	0.38
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	16	0.38
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	16	0.38
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	16	0.38
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	16	0.38
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	16	0.38
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	16	0.38
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	16	0.38
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	16	0.38
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	16	0.38
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	16	0.38
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	16	0.38
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	16	0.38
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	16	0.38
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	16	0.38
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	16	0.38
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	16	0.38
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	16	0.38
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	7	0.38
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	7	0.38
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	7	0.38
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	7	0.38
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	7	0.38
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	7	0.38
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	7	0.38
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	7	0.38
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	6	0.38
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	6	0.38
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	6	0.38
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	6	0.38
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	6	0.38
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	6	0.38
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	6	0.38
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	6	0.38
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	6	0.38
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	13	0.38
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	13	0.38
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	13	0.38
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	13	0.38
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	13	0.38
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	13	0.38
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	13	0.38
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	13	0.38
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	13	0.38
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	18	0.38
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	18	0.38
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	18	0.38
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	18	0.38
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	18	0.38
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	18	0.38
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	18	0.38
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	18	0.38
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	18	0.38
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	19	0.38
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	19	0.38
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	19	0.38
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	19	0.38
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	19	0.38
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	19	0.38
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	19	0.38
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	19	0.38
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	19	0.38
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	9	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	9	0.38
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	9	0.38
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	9	0.38
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	9	0.38
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	9	0.38
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	9	0.38
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	9	0.38
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	9	0.38
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	9	0.38
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	9	0.38
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	9	0.38
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	9	0.38
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	9	0.38
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	9	0.38
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	9	0.38
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	9	0.38
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	9	0.38
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	9	0.38
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	9	0.38
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	9	0.38
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	9	0.38
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	9	0.38
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	9	0.38
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	9	0.38
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	9	0.38
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	9	0.38
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	5	0.38
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	5	0.38
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	5	0.38
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	5	0.38
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	5	0.38
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	5	0.38
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	5	0.38
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	5	0.38
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	5	0.38
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	5	0.38
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	5	0.38
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	5	0.38
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	5	0.38
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	5	0.38
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	5	0.38
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	5	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	5	0.38
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	5	0.38
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	5	0.38
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	5	0.38
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	5	0.38
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	5	0.38
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	5	0.38
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	5	0.38
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	5	0.38
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	5	0.38
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	5	0.38
(1,237)	1:A:14:TRP:HD1	1:A:10:ILE:HA	14	0.38
(1,237)	1:A:14:TRP:HD1	1:B:10:ILE:HA	14	0.38
(1,237)	1:A:14:TRP:HD1	1:C:10:ILE:HA	14	0.38
(1,237)	1:B:14:TRP:HD1	1:A:10:ILE:HA	14	0.38
(1,237)	1:B:14:TRP:HD1	1:B:10:ILE:HA	14	0.38
(1,237)	1:B:14:TRP:HD1	1:C:10:ILE:HA	14	0.38
(1,237)	1:C:14:TRP:HD1	1:A:10:ILE:HA	14	0.38
(1,237)	1:C:14:TRP:HD1	1:B:10:ILE:HA	14	0.38
(1,237)	1:C:14:TRP:HD1	1:C:10:ILE:HA	14	0.38
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	10	0.38
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	10	0.38
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	10	0.38
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	10	0.38
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	10	0.38
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	10	0.38
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	10	0.38
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	10	0.38
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	10	0.38
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	10	0.38
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	10	0.38
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	10	0.38
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	10	0.38
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	10	0.38
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	10	0.38
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	10	0.38
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	10	0.38
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	10	0.38
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	11	0.38
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	11	0.38
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	11	0.38
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	11	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	11	0.38
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	11	0.38
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	11	0.38
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	11	0.38
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	11	0.38
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	11	0.38
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	11	0.38
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	11	0.38
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	11	0.38
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	11	0.38
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	11	0.38
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	11	0.38
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	11	0.38
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	11	0.38
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	20	0.38
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	20	0.38
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	20	0.38
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	20	0.38
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	20	0.38
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	20	0.38
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	20	0.38
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	20	0.38
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	20	0.38
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	20	0.38
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	20	0.38
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	20	0.38
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	20	0.38
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	20	0.38
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	20	0.38
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	20	0.38
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	20	0.38
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	20	0.38
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB2	12	0.37
(1,98)	1:A:21:TRP:HD1	1:A:21:TRP:HB3	12	0.37
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB2	12	0.37
(1,98)	1:A:21:TRP:HD1	1:B:21:TRP:HB3	12	0.37
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB2	12	0.37
(1,98)	1:A:21:TRP:HD1	1:C:21:TRP:HB3	12	0.37
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB2	12	0.37
(1,98)	1:B:21:TRP:HD1	1:A:21:TRP:HB3	12	0.37
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB2	12	0.37
(1,98)	1:B:21:TRP:HD1	1:B:21:TRP:HB3	12	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB2	12	0.37
(1,98)	1:B:21:TRP:HD1	1:C:21:TRP:HB3	12	0.37
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB2	12	0.37
(1,98)	1:C:21:TRP:HD1	1:A:21:TRP:HB3	12	0.37
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB2	12	0.37
(1,98)	1:C:21:TRP:HD1	1:B:21:TRP:HB3	12	0.37
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB2	12	0.37
(1,98)	1:C:21:TRP:HD1	1:C:21:TRP:HB3	12	0.37
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	6	0.37
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	6	0.37
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	6	0.37
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	6	0.37
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	6	0.37
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	6	0.37
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	6	0.37
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	6	0.37
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	6	0.37
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	13	0.37
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	13	0.37
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	13	0.37
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	13	0.37
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	13	0.37
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	13	0.37
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	13	0.37
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	13	0.37
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	13	0.37
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	3	0.37
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	3	0.37
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	3	0.37
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	3	0.37
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	3	0.37
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	3	0.37
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	3	0.37
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	3	0.37
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	3	0.37
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	3	0.37
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	3	0.37
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	3	0.37
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	3	0.37
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	3	0.37
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	3	0.37
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	3	0.37
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	3	0.37
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	3	0.37
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	3	0.37
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	3	0.37
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	3	0.37
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	3	0.37
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	3	0.37
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	3	0.37
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	3	0.37
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	3	0.37
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	3	0.37
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	3	0.37
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	3	0.37
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	3	0.37
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	3	0.37
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	3	0.37
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	3	0.37
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	3	0.37
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	3	0.37
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	3	0.37
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	3	0.37
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	3	0.37
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	3	0.37
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	3	0.37
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	3	0.37
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	3	0.37
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	3	0.37
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	3	0.37
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	3	0.37
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	3	0.37
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	3	0.37
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	3	0.37
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	3	0.37
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	3	0.37
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	3	0.37
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	3	0.37
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	3	0.37
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	3	0.37
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	3	0.37
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	3	0.37
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	3	0.37
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	3	0.37
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	3	0.37
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	3	0.37
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	3	0.37
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	3	0.37
(1,304)	1:A:9:PHE:HD1	1:A:14:TRP:HA	8	0.37
(1,304)	1:A:9:PHE:HD1	1:B:14:TRP:HA	8	0.37
(1,304)	1:A:9:PHE:HD1	1:C:14:TRP:HA	8	0.37
(1,304)	1:A:9:PHE:HD2	1:A:14:TRP:HA	8	0.37
(1,304)	1:A:9:PHE:HD2	1:B:14:TRP:HA	8	0.37
(1,304)	1:A:9:PHE:HD2	1:C:14:TRP:HA	8	0.37
(1,304)	1:A:9:PHE:HE1	1:A:14:TRP:HA	8	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:A:9:PHE:HE1	1:B:14:TRP:HA	8	0.37
(1,304)	1:A:9:PHE:HE1	1:C:14:TRP:HA	8	0.37
(1,304)	1:A:9:PHE:HE2	1:A:14:TRP:HA	8	0.37
(1,304)	1:A:9:PHE:HE2	1:B:14:TRP:HA	8	0.37
(1,304)	1:A:9:PHE:HE2	1:C:14:TRP:HA	8	0.37
(1,304)	1:A:9:PHE:HZ	1:A:14:TRP:HA	8	0.37
(1,304)	1:A:9:PHE:HZ	1:B:14:TRP:HA	8	0.37
(1,304)	1:A:9:PHE:HZ	1:C:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HD1	1:A:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HD1	1:B:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HD1	1:C:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HD2	1:A:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HD2	1:B:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HD2	1:C:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HE1	1:A:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HE1	1:B:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HE1	1:C:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HE2	1:A:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HE2	1:B:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HE2	1:C:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HZ	1:A:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HZ	1:B:14:TRP:HA	8	0.37
(1,304)	1:B:9:PHE:HZ	1:C:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HD1	1:A:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HD1	1:B:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HD1	1:C:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HD2	1:A:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HD2	1:B:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HD2	1:C:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HE1	1:A:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HE1	1:B:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HE1	1:C:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HE2	1:A:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HE2	1:B:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HE2	1:C:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HZ	1:A:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HZ	1:B:14:TRP:HA	8	0.37
(1,304)	1:C:9:PHE:HZ	1:C:14:TRP:HA	8	0.37
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	4	0.37
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	4	0.37
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	4	0.37
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	4	0.37
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	4	0.37
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	4	0.37
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	4	0.37
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	4	0.37
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	4	0.37
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	4	0.37
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	4	0.37
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	4	0.37
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	4	0.37
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	4	0.37
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	4	0.37
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	4	0.37
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	4	0.37
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	4	0.37
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	4	0.37
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	4	0.37
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	4	0.37
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	4	0.37
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	4	0.37
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	4	0.37
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	4	0.37
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	4	0.37
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	4	0.37
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	4	0.37
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	4	0.37
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	4	0.37
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	4	0.37
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	4	0.37
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	4	0.37
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	4	0.37
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	4	0.37
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	4	0.37
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	4	0.37
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	4	0.37
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	4	0.37
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	4	0.37
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	4	0.37
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	4	0.37
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	4	0.37
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	4	0.37
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	4	0.37
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	4	0.37
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	4	0.37
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	4	0.37
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	4	0.37
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	4	0.37
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	4	0.37
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	4	0.37
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	14	0.37
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	14	0.37
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	14	0.37
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	14	0.37
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	14	0.37
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	14	0.37
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	14	0.37
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	14	0.37
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	14	0.37
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	14	0.37
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	14	0.37
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	14	0.37
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	14	0.37
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	14	0.37
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	14	0.37
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	14	0.37
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	14	0.37
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	14	0.37
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	14	0.37
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	14	0.37
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	14	0.37
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	14	0.37
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	14	0.37
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	14	0.37
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	14	0.37
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	14	0.37
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	14	0.37
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	14	0.37
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	14	0.37
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	14	0.37
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	14	0.37
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	14	0.37
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	14	0.37
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	14	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	14	0.37
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	14	0.37
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	14	0.37
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	14	0.37
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	14	0.37
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	14	0.37
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	14	0.37
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	14	0.37
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	14	0.37
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	14	0.37
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	14	0.37
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	14	0.37
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	14	0.37
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	14	0.37
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	14	0.37
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	14	0.37
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	14	0.37
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	14	0.37
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	14	0.37
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	14	0.37
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	15	0.37
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	15	0.37
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	15	0.37
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	15	0.37
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	15	0.37
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	15	0.37
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	15	0.37
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	15	0.37
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	15	0.37
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	15	0.37
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	15	0.37
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	15	0.37
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	15	0.37
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	15	0.37
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	15	0.37
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	15	0.37
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	15	0.37
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	15	0.37
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	15	0.37
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	15	0.37
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	15	0.37
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	15	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	15	0.37
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	15	0.37
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	15	0.37
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	15	0.37
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	15	0.37
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	15	0.37
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	15	0.37
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	15	0.37
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	15	0.37
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	15	0.37
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	15	0.37
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	15	0.37
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	15	0.37
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	15	0.37
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	15	0.37
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	15	0.37
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	15	0.37
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	15	0.37
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	15	0.37
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	15	0.37
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	15	0.37
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	15	0.37
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	15	0.37
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	15	0.37
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	15	0.37
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	15	0.37
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	15	0.37
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	15	0.37
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	15	0.37
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	15	0.37
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	15	0.37
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	15	0.37
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	11	0.37
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	11	0.37
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	11	0.37
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	11	0.37
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	11	0.37
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	11	0.37
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	11	0.37
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	11	0.37
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	11	0.37
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	11	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	11	0.37
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	11	0.37
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	11	0.37
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	11	0.37
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	11	0.37
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	11	0.37
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	11	0.37
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	11	0.37
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	11	0.37
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	11	0.37
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	11	0.37
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	11	0.37
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	11	0.37
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	11	0.37
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	11	0.37
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	11	0.37
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	11	0.37
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	2	0.37
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	2	0.37
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	2	0.37
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	2	0.37
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	2	0.37
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	2	0.37
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	2	0.37
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	2	0.37
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	2	0.37
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	14	0.37
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	14	0.37
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	14	0.37
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	14	0.37
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	14	0.37
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	14	0.37
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	14	0.37
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	14	0.37
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	14	0.37
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	16	0.37
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	16	0.37
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	16	0.37
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	16	0.37
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	16	0.37
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	16	0.37
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	16	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	16	0.37
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	16	0.37
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	17	0.37
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	17	0.37
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	17	0.37
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	17	0.37
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	17	0.37
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	17	0.37
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	17	0.37
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	17	0.37
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	17	0.37
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	13	0.37
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	13	0.37
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	13	0.37
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	13	0.37
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	13	0.37
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	13	0.37
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	13	0.37
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	13	0.37
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	13	0.37
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	13	0.37
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	13	0.37
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	13	0.37
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	13	0.37
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	13	0.37
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	13	0.37
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	13	0.37
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	13	0.37
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	13	0.37
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	13	0.37
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	13	0.37
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	13	0.37
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	13	0.37
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	13	0.37
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	13	0.37
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	13	0.37
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	13	0.37
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	13	0.37
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	6	0.37
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	6	0.37
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	6	0.37
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	6	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	6	0.37
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	6	0.37
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	6	0.37
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	6	0.37
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	6	0.37
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	6	0.37
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	6	0.37
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	6	0.37
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	6	0.37
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	6	0.37
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	6	0.37
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	6	0.37
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	6	0.37
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	6	0.37
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	6	0.37
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	6	0.37
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	6	0.37
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	6	0.37
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	6	0.37
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	6	0.37
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	6	0.37
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	6	0.37
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	6	0.37
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	7	0.37
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	7	0.37
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	7	0.37
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	7	0.37
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	7	0.37
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	7	0.37
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	7	0.37
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	7	0.37
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	7	0.37
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	7	0.37
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	7	0.37
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	7	0.37
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	7	0.37
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	7	0.37
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	7	0.37
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	7	0.37
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	7	0.37
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	7	0.37
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	7	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	7	0.37
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	7	0.37
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	7	0.37
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	7	0.37
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	7	0.37
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	7	0.37
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	7	0.37
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	7	0.37
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	9	0.37
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	9	0.37
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	9	0.37
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	9	0.37
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	9	0.37
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	9	0.37
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	9	0.37
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	9	0.37
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	9	0.37
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	9	0.37
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	9	0.37
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	9	0.37
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	9	0.37
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	9	0.37
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	9	0.37
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	9	0.37
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	9	0.37
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	9	0.37
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	9	0.37
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	9	0.37
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	9	0.37
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	9	0.37
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	9	0.37
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	9	0.37
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	9	0.37
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	9	0.37
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	9	0.37
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	13	0.37
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	13	0.37
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	13	0.37
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	13	0.37
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	13	0.37
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	13	0.37
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	13	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	13	0.37
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	13	0.37
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	13	0.37
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	13	0.37
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	13	0.37
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	13	0.37
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	13	0.37
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	13	0.37
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	13	0.37
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	13	0.37
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	13	0.37
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	13	0.37
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	13	0.37
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	13	0.37
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	13	0.37
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	13	0.37
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	13	0.37
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	13	0.37
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	13	0.37
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	13	0.37
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	16	0.37
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	16	0.37
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	16	0.37
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	16	0.37
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	16	0.37
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	16	0.37
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	16	0.37
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	16	0.37
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	16	0.37
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	16	0.37
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	16	0.37
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	16	0.37
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	16	0.37
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	16	0.37
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	16	0.37
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	16	0.37
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	16	0.37
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	16	0.37
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	16	0.37
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	16	0.37
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	16	0.37
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	16	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	16	0.37
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	16	0.37
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	16	0.37
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	16	0.37
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	16	0.37
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	15	0.37
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	15	0.37
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	15	0.37
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	15	0.37
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	15	0.37
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	15	0.37
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	15	0.37
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	15	0.37
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	15	0.37
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	15	0.37
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	15	0.37
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	15	0.37
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	15	0.37
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	15	0.37
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	15	0.37
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	15	0.37
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	15	0.37
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	15	0.37
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	15	0.37
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	15	0.37
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	15	0.37
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	15	0.37
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	15	0.37
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	15	0.37
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	15	0.37
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	15	0.37
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	15	0.37
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	16	0.37
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	16	0.37
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	16	0.37
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	16	0.37
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	16	0.37
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	16	0.37
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	16	0.37
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	16	0.37
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	16	0.37
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	16	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	16	0.37
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	16	0.37
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	16	0.37
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	16	0.37
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	16	0.37
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	16	0.37
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	16	0.37
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	16	0.37
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	16	0.37
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	16	0.37
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	16	0.37
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	16	0.37
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	16	0.37
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	16	0.37
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	16	0.37
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	16	0.37
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	16	0.37
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	8	0.37
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	8	0.37
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	8	0.37
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	8	0.37
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	8	0.37
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	8	0.37
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	8	0.37
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	8	0.37
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	8	0.37
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	13	0.36
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	13	0.36
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	13	0.36
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	13	0.36
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	13	0.36
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	13	0.36
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	13	0.36
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	13	0.36
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	13	0.36
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	19	0.36
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	19	0.36
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	19	0.36
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	19	0.36
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	19	0.36
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	19	0.36
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	19	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	19	0.36
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	19	0.36
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	11	0.36
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	11	0.36
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	11	0.36
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	11	0.36
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	11	0.36
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	11	0.36
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	11	0.36
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	11	0.36
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	11	0.36
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	11	0.36
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	11	0.36
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	11	0.36
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	11	0.36
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	11	0.36
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	11	0.36
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	11	0.36
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	11	0.36
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	11	0.36
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	11	0.36
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	11	0.36
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	11	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	11	0.36
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	11	0.36
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	11	0.36
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	11	0.36
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	11	0.36
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	11	0.36
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	11	0.36
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	11	0.36
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	11	0.36
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	11	0.36
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	11	0.36
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	11	0.36
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	11	0.36
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	11	0.36
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	11	0.36
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	11	0.36
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	11	0.36
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	11	0.36
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	11	0.36
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	11	0.36
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	11	0.36
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	11	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	11	0.36
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	11	0.36
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	11	0.36
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	11	0.36
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	11	0.36
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	10	0.36
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	10	0.36
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	10	0.36
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	10	0.36
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	10	0.36
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	10	0.36
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	10	0.36
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	10	0.36
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	10	0.36
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	10	0.36
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	10	0.36
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	10	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	10	0.36
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	10	0.36
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	10	0.36
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	10	0.36
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	10	0.36
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	10	0.36
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	10	0.36
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	10	0.36
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	10	0.36
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	10	0.36
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	10	0.36
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	10	0.36
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	10	0.36
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	10	0.36
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	10	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	10	0.36
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	10	0.36
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	10	0.36
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	10	0.36
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	10	0.36
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	10	0.36
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	10	0.36
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	10	0.36
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	10	0.36
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	10	0.36
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	10	0.36
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	10	0.36
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	10	0.36
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	10	0.36
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	10	0.36
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	10	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	10	0.36
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	10	0.36
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	10	0.36
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	10	0.36
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	10	0.36
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	10	0.36
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	10	0.36
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	10	0.36
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	14	0.36
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	14	0.36
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	14	0.36
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	14	0.36
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	14	0.36
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	14	0.36
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	14	0.36
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	14	0.36
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	14	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	14	0.36
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	14	0.36
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	14	0.36
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	14	0.36
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	14	0.36
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	14	0.36
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	14	0.36
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	14	0.36
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	14	0.36
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	14	0.36
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	14	0.36
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	14	0.36
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	14	0.36
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	14	0.36
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	14	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	14	0.36
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	14	0.36
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	14	0.36
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	14	0.36
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	14	0.36
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	14	0.36
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	14	0.36
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	14	0.36
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	14	0.36
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	14	0.36
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	14	0.36
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	14	0.36
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	14	0.36
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	14	0.36
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	14	0.36
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	14	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	14	0.36
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	14	0.36
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	14	0.36
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	14	0.36
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	14	0.36
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	14	0.36
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	14	0.36
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	14	0.36
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	14	0.36
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	14	0.36
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	14	0.36
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	15	0.36
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	15	0.36
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	15	0.36
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	15	0.36
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	15	0.36
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	15	0.36
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	15	0.36
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	15	0.36
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	15	0.36
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	15	0.36
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	15	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	15	0.36
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	15	0.36
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	15	0.36
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	15	0.36
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	15	0.36
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	15	0.36
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	15	0.36
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	15	0.36
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	15	0.36
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	15	0.36
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	15	0.36
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	15	0.36
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	15	0.36
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	15	0.36
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	15	0.36
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	15	0.36
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	15	0.36
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	15	0.36
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	15	0.36
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	15	0.36
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	15	0.36
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	15	0.36
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	15	0.36
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	15	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	15	0.36
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	15	0.36
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	15	0.36
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	15	0.36
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	15	0.36
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	15	0.36
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	15	0.36
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	15	0.36
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	15	0.36
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	15	0.36
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	15	0.36
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	15	0.36
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	15	0.36
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	15	0.36
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	15	0.36
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	15	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	15	0.36
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	15	0.36
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	15	0.36
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	15	0.36
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	15	0.36
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	15	0.36
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	15	0.36
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	15	0.36
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	15	0.36
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	15	0.36
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	15	0.36
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	15	0.36
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	15	0.36
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	15	0.36
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	8	0.36
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	8	0.36
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	8	0.36
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	8	0.36
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	8	0.36
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	8	0.36
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	8	0.36
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	8	0.36
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	8	0.36
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	8	0.36
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	8	0.36
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	8	0.36
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	8	0.36
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	8	0.36
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	8	0.36
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	8	0.36
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	8	0.36
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	8	0.36
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	8	0.36
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	8	0.36
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	8	0.36
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	8	0.36
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	8	0.36
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	8	0.36
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	8	0.36
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	8	0.36
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	10	0.36
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	10	0.36
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	10	0.36
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	10	0.36
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	10	0.36
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	10	0.36
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	10	0.36
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	10	0.36
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	10	0.36
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	10	0.36
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	10	0.36
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	10	0.36
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	10	0.36
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	10	0.36
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	10	0.36
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	10	0.36
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	10	0.36
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	10	0.36
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	10	0.36
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	10	0.36
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	10	0.36
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	10	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	10	0.36
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	10	0.36
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	10	0.36
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	10	0.36
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	10	0.36
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	5	0.36
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	5	0.36
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	5	0.36
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	5	0.36
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	5	0.36
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	5	0.36
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	5	0.36
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	5	0.36
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	5	0.36
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	5	0.36
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	5	0.36
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	5	0.36
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	5	0.36
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	5	0.36
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	5	0.36
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	5	0.36
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	5	0.36
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	5	0.36
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	5	0.36
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	5	0.36
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	5	0.36
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	5	0.36
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	5	0.36
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	5	0.36
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	5	0.36
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	5	0.36
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	5	0.36
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	5	0.36
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	5	0.36
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	5	0.36
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	5	0.36
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	5	0.36
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	5	0.36
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	5	0.36
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	5	0.36
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	5	0.36
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	5	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	5	0.36
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	5	0.36
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	5	0.36
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	5	0.36
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	5	0.36
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	5	0.36
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	5	0.36
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	5	0.36
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	5	0.36
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	5	0.36
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	5	0.36
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	5	0.36
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	5	0.36
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	5	0.36
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	5	0.36
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	5	0.36
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	5	0.36
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	3	0.36
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	3	0.36
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	3	0.36
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	3	0.36
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	3	0.36
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	3	0.36
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	3	0.36
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	3	0.36
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	3	0.36
(1,288)	1:A:14:TRP:HA	1:A:17:MET:H	8	0.36
(1,288)	1:A:14:TRP:HA	1:B:17:MET:H	8	0.36
(1,288)	1:A:14:TRP:HA	1:C:17:MET:H	8	0.36
(1,288)	1:B:14:TRP:HA	1:A:17:MET:H	8	0.36
(1,288)	1:B:14:TRP:HA	1:B:17:MET:H	8	0.36
(1,288)	1:B:14:TRP:HA	1:C:17:MET:H	8	0.36
(1,288)	1:C:14:TRP:HA	1:A:17:MET:H	8	0.36
(1,288)	1:C:14:TRP:HA	1:B:17:MET:H	8	0.36
(1,288)	1:C:14:TRP:HA	1:C:17:MET:H	8	0.36
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	12	0.36
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	12	0.36
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	12	0.36
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	12	0.36
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	12	0.36
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	12	0.36
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	12	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	12	0.36
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	12	0.36
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	19	0.36
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	19	0.36
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	19	0.36
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	19	0.36
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	19	0.36
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	19	0.36
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	19	0.36
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	19	0.36
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	19	0.36
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	19	0.36
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	19	0.36
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	19	0.36
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	19	0.36
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	19	0.36
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	19	0.36
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	19	0.36
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	19	0.36
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	19	0.36
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	19	0.36
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	19	0.36
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	19	0.36
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	19	0.36
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	19	0.36
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	19	0.36
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	19	0.36
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	19	0.36
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	19	0.36
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	5	0.36
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	5	0.36
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	5	0.36
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	5	0.36
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	5	0.36
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	5	0.36
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	5	0.36
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	5	0.36
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	5	0.36
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	5	0.36
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	5	0.36
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	5	0.36
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	5	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	5	0.36
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	5	0.36
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	5	0.36
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	5	0.36
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	5	0.36
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	5	0.36
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	5	0.36
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	5	0.36
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	5	0.36
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	5	0.36
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	5	0.36
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	5	0.36
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	5	0.36
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	5	0.36
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	10	0.36
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	10	0.36
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	10	0.36
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	10	0.36
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	10	0.36
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	10	0.36
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	10	0.36
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	10	0.36
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	10	0.36
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	10	0.36
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	10	0.36
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	10	0.36
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	10	0.36
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	10	0.36
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	10	0.36
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	10	0.36
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	10	0.36
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	10	0.36
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	10	0.36
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	10	0.36
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	10	0.36
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	10	0.36
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	10	0.36
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	10	0.36
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	10	0.36
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	10	0.36
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	10	0.36
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	1	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	1	0.36
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	1	0.36
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	1	0.36
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	1	0.36
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	1	0.36
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	1	0.36
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	1	0.36
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	1	0.36
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	1	0.36
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	1	0.36
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	1	0.36
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	1	0.36
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	1	0.36
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	1	0.36
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	1	0.36
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	1	0.36
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	1	0.36
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	1	0.36
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	1	0.36
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	1	0.36
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	1	0.36
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	1	0.36
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	1	0.36
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	1	0.36
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	1	0.36
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	1	0.36
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	6	0.36
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	6	0.36
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	6	0.36
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	6	0.36
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	6	0.36
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	6	0.36
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	6	0.36
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	6	0.36
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	6	0.36
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	6	0.36
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	6	0.36
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	6	0.36
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	6	0.36
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	6	0.36
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	6	0.36
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	6	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	6	0.36
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	6	0.36
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	6	0.36
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	6	0.36
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	6	0.36
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	6	0.36
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	6	0.36
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	6	0.36
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	6	0.36
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	6	0.36
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	6	0.36
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	2	0.36
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	2	0.36
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	2	0.36
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	2	0.36
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	2	0.36
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	2	0.36
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	2	0.36
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	2	0.36
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	2	0.36
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	2	0.36
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	2	0.36
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	2	0.36
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	2	0.36
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	2	0.36
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	2	0.36
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	2	0.36
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	2	0.36
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	2	0.36
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	12	0.36
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	12	0.36
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	12	0.36
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	12	0.36
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	12	0.36
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	12	0.36
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	12	0.36
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	12	0.36
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	12	0.36
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	12	0.36
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	12	0.36
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	12	0.36
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	12	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	12	0.36
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	12	0.36
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	12	0.36
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	12	0.36
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	12	0.36
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	7	0.36
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	7	0.36
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	7	0.36
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	7	0.36
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	7	0.36
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	7	0.36
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	7	0.36
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	7	0.36
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	7	0.36
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	20	0.35
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	20	0.35
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	20	0.35
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	20	0.35
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	20	0.35
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	20	0.35
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	20	0.35
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	20	0.35
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	20	0.35
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	20	0.35
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	20	0.35
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	20	0.35
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	20	0.35
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	20	0.35
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	20	0.35
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	20	0.35
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	20	0.35
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	20	0.35
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	20	0.35
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	20	0.35
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	20	0.35
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	20	0.35
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	20	0.35
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	20	0.35
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	20	0.35
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	20	0.35
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	20	0.35
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	20	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	20	0.35
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	20	0.35
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	20	0.35
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	5	0.35
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	5	0.35
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	5	0.35
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	5	0.35
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	5	0.35
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	5	0.35
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	5	0.35
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	5	0.35
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	5	0.35
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	5	0.35
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	5	0.35
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	5	0.35
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	5	0.35
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	5	0.35
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	5	0.35
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	5	0.35
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	5	0.35
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	5	0.35
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	5	0.35
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	5	0.35
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	5	0.35
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	5	0.35
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	5	0.35
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	5	0.35
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	5	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	5	0.35
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	5	0.35
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	5	0.35
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	5	0.35
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	5	0.35
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	5	0.35
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	5	0.35
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	5	0.35
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	5	0.35
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	5	0.35
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	5	0.35
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	5	0.35
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	5	0.35
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	5	0.35
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	5	0.35
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	5	0.35
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	5	0.35
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	5	0.35
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	5	0.35
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	5	0.35
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	5	0.35
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	5	0.35
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	5	0.35
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	5	0.35
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	5	0.35
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	5	0.35
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	5	0.35
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	5	0.35
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	5	0.35
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	13	0.35
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	13	0.35
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	13	0.35
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	13	0.35
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	13	0.35
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	13	0.35
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	13	0.35
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	13	0.35
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	13	0.35
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	13	0.35
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	13	0.35
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	13	0.35
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	13	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	13	0.35
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	13	0.35
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	13	0.35
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	13	0.35
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	13	0.35
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	13	0.35
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	13	0.35
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	13	0.35
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	13	0.35
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	13	0.35
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	13	0.35
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	13	0.35
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	13	0.35
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	13	0.35
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	13	0.35
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	13	0.35
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	13	0.35
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	13	0.35
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	13	0.35
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	13	0.35
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	13	0.35
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	13	0.35
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	13	0.35
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	13	0.35
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	13	0.35
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	13	0.35
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	13	0.35
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	13	0.35
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	13	0.35
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	13	0.35
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	13	0.35
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	13	0.35
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	13	0.35
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	13	0.35
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	13	0.35
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	13	0.35
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	13	0.35
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	13	0.35
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	13	0.35
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	13	0.35
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	13	0.35
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	20	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	20	0.35
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	20	0.35
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	20	0.35
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	20	0.35
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	20	0.35
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	20	0.35
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	20	0.35
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	20	0.35
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	20	0.35
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	20	0.35
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	20	0.35
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	20	0.35
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	20	0.35
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	20	0.35
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	20	0.35
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	20	0.35
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	20	0.35
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	20	0.35
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	20	0.35
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	20	0.35
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	20	0.35
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	20	0.35
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	20	0.35
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	20	0.35
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	20	0.35
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	20	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	20	0.35
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	20	0.35
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	20	0.35
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	20	0.35
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	20	0.35
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	20	0.35
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	20	0.35
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	20	0.35
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	20	0.35
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	20	0.35
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	20	0.35
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	20	0.35
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	20	0.35
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	20	0.35
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	20	0.35
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	20	0.35
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	20	0.35
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	20	0.35
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	20	0.35
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	20	0.35
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	20	0.35
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	20	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	20	0.35
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	20	0.35
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	20	0.35
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	20	0.35
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	20	0.35
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	20	0.35
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	20	0.35
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	20	0.35
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	4	0.35
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	4	0.35
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	4	0.35
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	4	0.35
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	4	0.35
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	4	0.35
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	4	0.35
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	4	0.35
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	4	0.35
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	4	0.35
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	4	0.35
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	4	0.35
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	4	0.35
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	4	0.35
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	4	0.35
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	4	0.35
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	4	0.35
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	4	0.35
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	4	0.35
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	4	0.35
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	4	0.35
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	4	0.35
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	4	0.35
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	4	0.35
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	4	0.35
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	4	0.35
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	4	0.35
(1,305)	1:A:9:PHE:HD1	1:A:17:MET:HA	8	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:A:9:PHE:HD1	1:B:17:MET:HA	8	0.35
(1,305)	1:A:9:PHE:HD1	1:C:17:MET:HA	8	0.35
(1,305)	1:A:9:PHE:HD2	1:A:17:MET:HA	8	0.35
(1,305)	1:A:9:PHE:HD2	1:B:17:MET:HA	8	0.35
(1,305)	1:A:9:PHE:HD2	1:C:17:MET:HA	8	0.35
(1,305)	1:A:9:PHE:HE1	1:A:17:MET:HA	8	0.35
(1,305)	1:A:9:PHE:HE1	1:B:17:MET:HA	8	0.35
(1,305)	1:A:9:PHE:HE1	1:C:17:MET:HA	8	0.35
(1,305)	1:A:9:PHE:HE2	1:A:17:MET:HA	8	0.35
(1,305)	1:A:9:PHE:HE2	1:B:17:MET:HA	8	0.35
(1,305)	1:A:9:PHE:HE2	1:C:17:MET:HA	8	0.35
(1,305)	1:A:9:PHE:HZ	1:A:17:MET:HA	8	0.35
(1,305)	1:A:9:PHE:HZ	1:B:17:MET:HA	8	0.35
(1,305)	1:A:9:PHE:HZ	1:C:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HD1	1:A:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HD1	1:B:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HD1	1:C:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HD2	1:A:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HD2	1:B:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HD2	1:C:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HE1	1:A:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HE1	1:B:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HE1	1:C:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HE2	1:A:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HE2	1:B:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HE2	1:C:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HZ	1:A:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HZ	1:B:17:MET:HA	8	0.35
(1,305)	1:B:9:PHE:HZ	1:C:17:MET:HA	8	0.35
(1,305)	1:C:9:PHE:HD1	1:A:17:MET:HA	8	0.35
(1,305)	1:C:9:PHE:HD1	1:B:17:MET:HA	8	0.35
(1,305)	1:C:9:PHE:HD1	1:C:17:MET:HA	8	0.35
(1,305)	1:C:9:PHE:HD2	1:A:17:MET:HA	8	0.35
(1,305)	1:C:9:PHE:HD2	1:B:17:MET:HA	8	0.35
(1,305)	1:C:9:PHE:HD2	1:C:17:MET:HA	8	0.35
(1,305)	1:C:9:PHE:HE1	1:A:17:MET:HA	8	0.35
(1,305)	1:C:9:PHE:HE1	1:B:17:MET:HA	8	0.35
(1,305)	1:C:9:PHE:HE1	1:C:17:MET:HA	8	0.35
(1,305)	1:C:9:PHE:HE2	1:A:17:MET:HA	8	0.35
(1,305)	1:C:9:PHE:HE2	1:B:17:MET:HA	8	0.35
(1,305)	1:C:9:PHE:HE2	1:C:17:MET:HA	8	0.35
(1,305)	1:C:9:PHE:HZ	1:A:17:MET:HA	8	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:C:9:PHE:HZ	1:B:17:MET:HA	8	0.35
(1,305)	1:C:9:PHE:HZ	1:C:17:MET:HA	8	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	1	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	1	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	1	0.35
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	1	0.35
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	1	0.35
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	1	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	1	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	1	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	1	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	1	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	1	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	1	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	1	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	1	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	1	0.35
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	1	0.35
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	1	0.35
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	1	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	1	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	1	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	1	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	1	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	1	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	1	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	1	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	1	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	1	0.35
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	1	0.35
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	1	0.35
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	1	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	1	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	1	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	1	0.35
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	1	0.35
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	1	0.35
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	1	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	1	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	1	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	1	0.35
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	1	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	1	0.35
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	1	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	1	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	1	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	1	0.35
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	1	0.35
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	1	0.35
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	1	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	1	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	1	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	1	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	1	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	1	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	1	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	2	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	2	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	2	0.35
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	2	0.35
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	2	0.35
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	2	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	2	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	2	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	2	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	2	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	2	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	2	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	2	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	2	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	2	0.35
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	2	0.35
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	2	0.35
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	2	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	2	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	2	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	2	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	2	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	2	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	2	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	2	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	2	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	2	0.35
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	2	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	2	0.35
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	2	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	2	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	2	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	2	0.35
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	2	0.35
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	2	0.35
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	2	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	2	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	2	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	2	0.35
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	2	0.35
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	2	0.35
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	2	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	2	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	2	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	2	0.35
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	2	0.35
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	2	0.35
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	2	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	2	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	2	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	2	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	2	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	2	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	2	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	9	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	9	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	9	0.35
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	9	0.35
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	9	0.35
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	9	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	9	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	9	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	9	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	9	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	9	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	9	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	9	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	9	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	9	0.35
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	9	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	9	0.35
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	9	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	9	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	9	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	9	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	9	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	9	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	9	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	9	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	9	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	9	0.35
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	9	0.35
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	9	0.35
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	9	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	9	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	9	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	9	0.35
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	9	0.35
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	9	0.35
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	9	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	9	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	9	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	9	0.35
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	9	0.35
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	9	0.35
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	9	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	9	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	9	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	9	0.35
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	9	0.35
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	9	0.35
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	9	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	9	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	9	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	9	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	9	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	9	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	9	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	13	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	13	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	13	0.35
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	13	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	13	0.35
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	13	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	13	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	13	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	13	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	13	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	13	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	13	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	13	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	13	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	13	0.35
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	13	0.35
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	13	0.35
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	13	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	13	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	13	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	13	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	13	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	13	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	13	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	13	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	13	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	13	0.35
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	13	0.35
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	13	0.35
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	13	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	13	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	13	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	13	0.35
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	13	0.35
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	13	0.35
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	13	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	13	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	13	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	13	0.35
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	13	0.35
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	13	0.35
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	13	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	13	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	13	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	13	0.35
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	13	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	13	0.35
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	13	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	13	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	13	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	13	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	13	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	13	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	13	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	19	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	19	0.35
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	19	0.35
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	19	0.35
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	19	0.35
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	19	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	19	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	19	0.35
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	19	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	19	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	19	0.35
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	19	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	19	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	19	0.35
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	19	0.35
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	19	0.35
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	19	0.35
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	19	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	19	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	19	0.35
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	19	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	19	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	19	0.35
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	19	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	19	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	19	0.35
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	19	0.35
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	19	0.35
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	19	0.35
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	19	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	19	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	19	0.35
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	19	0.35
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	19	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	19	0.35
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	19	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	19	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	19	0.35
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	19	0.35
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	19	0.35
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	19	0.35
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	19	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	19	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	19	0.35
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	19	0.35
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	19	0.35
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	19	0.35
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	19	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	19	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	19	0.35
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	19	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	19	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	19	0.35
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	19	0.35
(1,292)	1:A:19:ASP:HA	1:A:22:TYR:H	6	0.35
(1,292)	1:A:19:ASP:HA	1:B:22:TYR:H	6	0.35
(1,292)	1:A:19:ASP:HA	1:C:22:TYR:H	6	0.35
(1,292)	1:B:19:ASP:HA	1:A:22:TYR:H	6	0.35
(1,292)	1:B:19:ASP:HA	1:B:22:TYR:H	6	0.35
(1,292)	1:B:19:ASP:HA	1:C:22:TYR:H	6	0.35
(1,292)	1:C:19:ASP:HA	1:A:22:TYR:H	6	0.35
(1,292)	1:C:19:ASP:HA	1:B:22:TYR:H	6	0.35
(1,292)	1:C:19:ASP:HA	1:C:22:TYR:H	6	0.35
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	5	0.35
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	5	0.35
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	5	0.35
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	5	0.35
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	5	0.35
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	5	0.35
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	5	0.35
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	5	0.35
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	5	0.35
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	2	0.35
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	2	0.35
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	2	0.35
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	2	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	2	0.35
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	2	0.35
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	2	0.35
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	2	0.35
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	2	0.35
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	2	0.35
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	2	0.35
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	2	0.35
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	2	0.35
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	2	0.35
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	2	0.35
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	2	0.35
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	2	0.35
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	2	0.35
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	2	0.35
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	2	0.35
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	2	0.35
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	2	0.35
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	2	0.35
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	2	0.35
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	2	0.35
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	2	0.35
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	2	0.35
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	2	0.35
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	2	0.35
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	2	0.35
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	2	0.35
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	2	0.35
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	2	0.35
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	2	0.35
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	2	0.35
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	2	0.35
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	2	0.35
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	2	0.35
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	2	0.35
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	2	0.35
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	2	0.35
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	2	0.35
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	2	0.35
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	2	0.35
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	2	0.35
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	2	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	2	0.35
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	2	0.35
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	2	0.35
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	2	0.35
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	2	0.35
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	2	0.35
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	2	0.35
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	2	0.35
(1,270)	1:A:14:TRP:HE3	1:A:18:ILE:HG12	3	0.35
(1,270)	1:A:14:TRP:HE3	1:A:18:ILE:HG13	3	0.35
(1,270)	1:A:14:TRP:HE3	1:B:18:ILE:HG12	3	0.35
(1,270)	1:A:14:TRP:HE3	1:B:18:ILE:HG13	3	0.35
(1,270)	1:A:14:TRP:HE3	1:C:18:ILE:HG12	3	0.35
(1,270)	1:A:14:TRP:HE3	1:C:18:ILE:HG13	3	0.35
(1,270)	1:B:14:TRP:HE3	1:A:18:ILE:HG12	3	0.35
(1,270)	1:B:14:TRP:HE3	1:A:18:ILE:HG13	3	0.35
(1,270)	1:B:14:TRP:HE3	1:B:18:ILE:HG12	3	0.35
(1,270)	1:B:14:TRP:HE3	1:B:18:ILE:HG13	3	0.35
(1,270)	1:B:14:TRP:HE3	1:C:18:ILE:HG12	3	0.35
(1,270)	1:B:14:TRP:HE3	1:C:18:ILE:HG13	3	0.35
(1,270)	1:C:14:TRP:HE3	1:A:18:ILE:HG12	3	0.35
(1,270)	1:C:14:TRP:HE3	1:A:18:ILE:HG13	3	0.35
(1,270)	1:C:14:TRP:HE3	1:B:18:ILE:HG12	3	0.35
(1,270)	1:C:14:TRP:HE3	1:B:18:ILE:HG13	3	0.35
(1,270)	1:C:14:TRP:HE3	1:C:18:ILE:HG12	3	0.35
(1,270)	1:C:14:TRP:HE3	1:C:18:ILE:HG13	3	0.35
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	16	0.35
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	16	0.35
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	16	0.35
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	16	0.35
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	16	0.35
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	16	0.35
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	16	0.35
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	16	0.35
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	16	0.35
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	16	0.35
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	16	0.35
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	16	0.35
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	16	0.35
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	16	0.35
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	16	0.35
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	16	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	16	0.35
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	16	0.35
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	16	0.35
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	16	0.35
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	16	0.35
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	16	0.35
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	16	0.35
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	16	0.35
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	16	0.35
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	16	0.35
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	16	0.35
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	13	0.35
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	13	0.35
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	13	0.35
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	13	0.35
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	13	0.35
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	13	0.35
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	13	0.35
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	13	0.35
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	13	0.35
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	13	0.35
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	13	0.35
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	13	0.35
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	13	0.35
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	13	0.35
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	13	0.35
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	13	0.35
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	13	0.35
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	13	0.35
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	13	0.35
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	13	0.35
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	13	0.35
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	13	0.35
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	13	0.35
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	13	0.35
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	13	0.35
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	13	0.35
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	13	0.35
(1,220)	1:A:18:ILE:HB	1:A:15:THR:HA	15	0.35
(1,220)	1:A:18:ILE:HB	1:B:15:THR:HA	15	0.35
(1,220)	1:A:18:ILE:HB	1:C:15:THR:HA	15	0.35
(1,220)	1:B:18:ILE:HB	1:A:15:THR:HA	15	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,220)	1:B:18:ILE:HB	1:B:15:THR:HA	15	0.35
(1,220)	1:B:18:ILE:HB	1:C:15:THR:HA	15	0.35
(1,220)	1:C:18:ILE:HB	1:A:15:THR:HA	15	0.35
(1,220)	1:C:18:ILE:HB	1:B:15:THR:HA	15	0.35
(1,220)	1:C:18:ILE:HB	1:C:15:THR:HA	15	0.35
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	18	0.35
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	18	0.35
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	18	0.35
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	18	0.35
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	18	0.35
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	18	0.35
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	18	0.35
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	18	0.35
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	18	0.35
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	18	0.35
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	18	0.35
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	18	0.35
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	18	0.35
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	18	0.35
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	18	0.35
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	18	0.35
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	18	0.35
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	18	0.35
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	18	0.35
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	18	0.35
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	18	0.35
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	18	0.35
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	18	0.35
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	18	0.35
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	18	0.35
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	18	0.35
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	18	0.35
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	16	0.35
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	16	0.35
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	16	0.35
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	16	0.35
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	16	0.35
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	16	0.35
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	16	0.35
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	16	0.35
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	16	0.35
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	16	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	16	0.35
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	16	0.35
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	16	0.35
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	16	0.35
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	16	0.35
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	16	0.35
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	16	0.35
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	16	0.35
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	7	0.35
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	7	0.35
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	7	0.35
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	7	0.35
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	7	0.35
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	7	0.35
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	7	0.35
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	7	0.35
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	7	0.35
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	10	0.35
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	10	0.35
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	10	0.35
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	10	0.35
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	10	0.35
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	10	0.35
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	10	0.35
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	10	0.35
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	10	0.35
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	4	0.34
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	4	0.34
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	4	0.34
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	4	0.34
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	4	0.34
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	4	0.34
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	4	0.34
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	4	0.34
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	4	0.34
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	3	0.34
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	3	0.34
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	3	0.34
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	3	0.34
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	3	0.34
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	3	0.34
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	3	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	3	0.34
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	3	0.34
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	3	0.34
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	3	0.34
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	3	0.34
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	3	0.34
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	3	0.34
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	3	0.34
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	3	0.34
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	3	0.34
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	3	0.34
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	3	0.34
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	3	0.34
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	3	0.34
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	3	0.34
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	3	0.34
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	3	0.34
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	3	0.34
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	3	0.34
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	3	0.34
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	3	0.34
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	3	0.34
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	3	0.34
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	3	0.34
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	3	0.34
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	3	0.34
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	3	0.34
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	3	0.34
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	3	0.34
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	3	0.34
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	3	0.34
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	3	0.34
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	3	0.34
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	3	0.34
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	3	0.34
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	3	0.34
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	3	0.34
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	3	0.34
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	3	0.34
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	3	0.34
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	3	0.34
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	3	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	3	0.34
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	3	0.34
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	3	0.34
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	3	0.34
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	3	0.34
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	11	0.34
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	11	0.34
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	11	0.34
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	11	0.34
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	11	0.34
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	11	0.34
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	11	0.34
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	11	0.34
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	11	0.34
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	11	0.34
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	11	0.34
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	11	0.34
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	11	0.34
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	11	0.34
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	11	0.34
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	11	0.34
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	11	0.34
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	11	0.34
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	11	0.34
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	11	0.34
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	11	0.34
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	11	0.34
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	11	0.34
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	11	0.34
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	11	0.34
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	11	0.34
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	11	0.34
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	11	0.34
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	11	0.34
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	11	0.34
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	11	0.34
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	11	0.34
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	11	0.34
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	11	0.34
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	11	0.34
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	11	0.34
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	11	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	11	0.34
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	11	0.34
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	11	0.34
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	11	0.34
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	11	0.34
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	11	0.34
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	11	0.34
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	11	0.34
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	11	0.34
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	11	0.34
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	11	0.34
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	11	0.34
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	11	0.34
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	11	0.34
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	11	0.34
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	11	0.34
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	11	0.34
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	19	0.34
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	19	0.34
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	19	0.34
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	19	0.34
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	19	0.34
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	19	0.34
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	19	0.34
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	19	0.34
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	19	0.34
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	19	0.34
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	19	0.34
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	19	0.34
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	19	0.34
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	19	0.34
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	19	0.34
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	19	0.34
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	19	0.34
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	19	0.34
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	19	0.34
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	19	0.34
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	19	0.34
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	19	0.34
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	19	0.34
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	19	0.34
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	19	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	19	0.34
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	19	0.34
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	19	0.34
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	19	0.34
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	19	0.34
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	19	0.34
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	19	0.34
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	19	0.34
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	19	0.34
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	19	0.34
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	19	0.34
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	19	0.34
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	19	0.34
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	19	0.34
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	19	0.34
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	19	0.34
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	19	0.34
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	19	0.34
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	19	0.34
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	19	0.34
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	19	0.34
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	19	0.34
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	19	0.34
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	19	0.34
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	19	0.34
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	19	0.34
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	19	0.34
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	19	0.34
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	19	0.34
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	19	0.34
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	19	0.34
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	19	0.34
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	19	0.34
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	19	0.34
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	19	0.34
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	19	0.34
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	19	0.34
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	19	0.34
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	19	0.34
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	19	0.34
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	19	0.34
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	19	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	19	0.34
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	19	0.34
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	19	0.34
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	19	0.34
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	19	0.34
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	14	0.34
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	14	0.34
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	14	0.34
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	14	0.34
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	14	0.34
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	14	0.34
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	14	0.34
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	14	0.34
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	14	0.34
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	14	0.34
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	14	0.34
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	14	0.34
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	14	0.34
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	14	0.34
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	14	0.34
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	14	0.34
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	14	0.34
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	14	0.34
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	14	0.34
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	14	0.34
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	14	0.34
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	14	0.34
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	14	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	14	0.34
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	14	0.34
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	14	0.34
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	14	0.34
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	14	0.34
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	14	0.34
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	14	0.34
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	14	0.34
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	6	0.34
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	6	0.34
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	6	0.34
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	6	0.34
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	6	0.34
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	6	0.34
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	6	0.34
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	6	0.34
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	6	0.34
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	6	0.34
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	6	0.34
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	6	0.34
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	6	0.34
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	6	0.34
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	6	0.34
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	6	0.34
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	6	0.34
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	6	0.34
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	6	0.34
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	6	0.34
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	6	0.34
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	6	0.34
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	6	0.34
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	6	0.34
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	6	0.34
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	6	0.34
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	6	0.34
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	6	0.34
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	6	0.34
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	6	0.34
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	6	0.34
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	6	0.34
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	6	0.34
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	6	0.34
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	6	0.34
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	6	0.34
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	6	0.34
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	6	0.34
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	6	0.34
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	6	0.34
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	6	0.34
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	6	0.34
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	6	0.34
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	6	0.34
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	6	0.34
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	6	0.34
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	6	0.34
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	6	0.34
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	6	0.34
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	6	0.34
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	6	0.34
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	6	0.34
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	6	0.34
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	17	0.34
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	17	0.34
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	17	0.34
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	17	0.34
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	17	0.34
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	17	0.34
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	17	0.34
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	17	0.34
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	17	0.34
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	17	0.34
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	17	0.34
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	17	0.34
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	17	0.34
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	17	0.34
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	17	0.34
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	17	0.34
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	17	0.34
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	17	0.34
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	17	0.34
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	17	0.34
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	17	0.34
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	17	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	17	0.34
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	17	0.34
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	17	0.34
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	17	0.34
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	17	0.34
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	17	0.34
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	17	0.34
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	17	0.34
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	17	0.34
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	17	0.34
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	17	0.34
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	17	0.34
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	17	0.34
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	17	0.34
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	17	0.34
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	17	0.34
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	17	0.34
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	17	0.34
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	17	0.34
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	17	0.34
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	17	0.34
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	17	0.34
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	17	0.34
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	17	0.34
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	17	0.34
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	17	0.34
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	17	0.34
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	17	0.34
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	17	0.34
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	17	0.34
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	17	0.34
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	17	0.34
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	4	0.34
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	4	0.34
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	4	0.34
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	4	0.34
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	4	0.34
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	4	0.34
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	4	0.34
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	4	0.34
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	4	0.34
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	4	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	4	0.34
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	4	0.34
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	4	0.34
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	4	0.34
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	4	0.34
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	4	0.34
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	4	0.34
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	4	0.34
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	4	0.34
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	4	0.34
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	4	0.34
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	4	0.34
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	4	0.34
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	4	0.34
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	4	0.34
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	4	0.34
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	4	0.34
(1,279)	1:A:4:GLY:HA2	1:A:7:ALA:H	7	0.34
(1,279)	1:A:4:GLY:HA2	1:B:7:ALA:H	7	0.34
(1,279)	1:A:4:GLY:HA2	1:C:7:ALA:H	7	0.34
(1,279)	1:B:4:GLY:HA2	1:A:7:ALA:H	7	0.34
(1,279)	1:B:4:GLY:HA2	1:B:7:ALA:H	7	0.34
(1,279)	1:B:4:GLY:HA2	1:C:7:ALA:H	7	0.34
(1,279)	1:C:4:GLY:HA2	1:A:7:ALA:H	7	0.34
(1,279)	1:C:4:GLY:HA2	1:B:7:ALA:H	7	0.34
(1,279)	1:C:4:GLY:HA2	1:C:7:ALA:H	7	0.34
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	6	0.34
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	6	0.34
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	6	0.34
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	6	0.34
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	6	0.34
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	6	0.34
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	6	0.34
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	6	0.34
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	6	0.34
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	6	0.34
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	6	0.34
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	6	0.34
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	6	0.34
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	6	0.34
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	6	0.34
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	6	0.34
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	6	0.34
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	6	0.34
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	6	0.34
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	6	0.34
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	6	0.34
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	6	0.34
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	6	0.34
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	6	0.34
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	6	0.34
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	6	0.34
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	6	0.34
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	6	0.34
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	6	0.34
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	6	0.34
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	6	0.34
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	6	0.34
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	6	0.34
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	6	0.34
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	6	0.34
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	6	0.34
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	6	0.34
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	6	0.34
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	6	0.34
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	6	0.34
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	6	0.34
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	6	0.34
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	6	0.34
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	6	0.34
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	6	0.34
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	6	0.34
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	6	0.34
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	6	0.34
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	6	0.34
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	6	0.34
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	6	0.34
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	6	0.34
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	6	0.34
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD11	9	0.34
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD12	9	0.34
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD13	9	0.34
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD11	9	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD12	9	0.34
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD13	9	0.34
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD11	9	0.34
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD12	9	0.34
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD13	9	0.34
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD11	9	0.34
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD12	9	0.34
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD13	9	0.34
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD11	9	0.34
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD12	9	0.34
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD13	9	0.34
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD11	9	0.34
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD12	9	0.34
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD13	9	0.34
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD11	9	0.34
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD12	9	0.34
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD13	9	0.34
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD11	9	0.34
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD12	9	0.34
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD13	9	0.34
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD11	9	0.34
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD12	9	0.34
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD13	9	0.34
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	18	0.34
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	18	0.34
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	18	0.34
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	18	0.34
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	18	0.34
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	18	0.34
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	18	0.34
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	18	0.34
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	18	0.34
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	18	0.34
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	18	0.34
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	18	0.34
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	18	0.34
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	18	0.34
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	18	0.34
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	18	0.34
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	18	0.34
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	18	0.34
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	18	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	18	0.34
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	18	0.34
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	18	0.34
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	18	0.34
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	18	0.34
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	18	0.34
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	18	0.34
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	18	0.34
(1,237)	1:A:14:TRP:HD1	1:A:10:ILE:HA	17	0.34
(1,237)	1:A:14:TRP:HD1	1:B:10:ILE:HA	17	0.34
(1,237)	1:A:14:TRP:HD1	1:C:10:ILE:HA	17	0.34
(1,237)	1:B:14:TRP:HD1	1:A:10:ILE:HA	17	0.34
(1,237)	1:B:14:TRP:HD1	1:B:10:ILE:HA	17	0.34
(1,237)	1:B:14:TRP:HD1	1:C:10:ILE:HA	17	0.34
(1,237)	1:C:14:TRP:HD1	1:A:10:ILE:HA	17	0.34
(1,237)	1:C:14:TRP:HD1	1:B:10:ILE:HA	17	0.34
(1,237)	1:C:14:TRP:HD1	1:C:10:ILE:HA	17	0.34
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	5	0.34
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	5	0.34
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	5	0.34
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	5	0.34
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	5	0.34
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	5	0.34
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	5	0.34
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	5	0.34
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	5	0.34
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	5	0.34
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	5	0.34
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	5	0.34
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	5	0.34
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	5	0.34
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	5	0.34
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	5	0.34
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	5	0.34
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	5	0.34
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	13	0.34
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	13	0.34
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	13	0.34
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	13	0.34
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	13	0.34
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	13	0.34
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	13	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	13	0.34
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	13	0.34
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	2	0.34
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	2	0.34
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	2	0.34
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	2	0.34
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	2	0.34
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	2	0.34
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	2	0.34
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	2	0.34
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	2	0.34
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	2	0.34
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	2	0.34
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	2	0.34
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	2	0.34
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	2	0.34
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	2	0.34
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	2	0.34
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	2	0.34
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	2	0.34
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	2	0.34
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	2	0.34
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	2	0.34
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	2	0.34
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	2	0.34
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	2	0.34
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	2	0.34
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	2	0.34
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	2	0.34
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	5	0.34
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	5	0.34
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	5	0.34
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	5	0.34
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	5	0.34
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	5	0.34
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	5	0.34
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	5	0.34
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	5	0.34
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	5	0.34
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	5	0.34
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	5	0.34
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	5	0.34
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	5	0.34
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	5	0.34
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	5	0.34
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	5	0.34
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	5	0.34
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	5	0.34
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	5	0.34
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	5	0.34
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	5	0.34
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	5	0.34
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	5	0.34
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	5	0.34
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	5	0.34
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	7	0.34
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	7	0.34
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	7	0.34
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	7	0.34
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	7	0.34
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	7	0.34
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	7	0.34
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	7	0.34
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	7	0.34
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	7	0.34
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	7	0.34
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	7	0.34
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	7	0.34
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	7	0.34
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	7	0.34
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	7	0.34
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	7	0.34
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	7	0.34
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	7	0.34
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	7	0.34
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	7	0.34
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	7	0.34
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	7	0.34
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	7	0.34
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	7	0.34
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	7	0.34
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	7	0.34
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	13	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	13	0.34
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	13	0.34
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	13	0.34
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	13	0.34
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	13	0.34
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	13	0.34
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	13	0.34
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	13	0.34
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	13	0.34
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	13	0.34
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	13	0.34
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	13	0.34
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	13	0.34
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	13	0.34
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	13	0.34
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	13	0.34
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	13	0.34
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	13	0.34
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	13	0.34
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	13	0.34
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	13	0.34
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	13	0.34
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	13	0.34
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	13	0.34
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	13	0.34
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	13	0.34
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	17	0.34
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	17	0.34
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	17	0.34
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	17	0.34
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	17	0.34
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	17	0.34
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	17	0.34
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	17	0.34
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	17	0.34
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	17	0.34
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	17	0.34
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	17	0.34
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	17	0.34
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	17	0.34
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	17	0.34
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	17	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	17	0.34
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	17	0.34
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	17	0.34
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	17	0.34
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	17	0.34
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	17	0.34
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	17	0.34
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	17	0.34
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	17	0.34
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	17	0.34
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	17	0.34
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	7	0.34
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	7	0.34
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	7	0.34
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	7	0.34
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	7	0.34
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	7	0.34
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	7	0.34
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	7	0.34
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	7	0.34
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	7	0.34
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	7	0.34
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	7	0.34
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	7	0.34
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	7	0.34
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	7	0.34
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	7	0.34
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	7	0.34
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	7	0.34
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	8	0.34
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	8	0.34
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	8	0.34
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	8	0.34
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	8	0.34
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	8	0.34
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	8	0.34
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	8	0.34
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	8	0.34
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	8	0.34
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	8	0.34
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	8	0.34
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	8	0.34
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	8	0.34
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	8	0.34
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	8	0.34
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	8	0.34
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	1	0.34
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	1	0.34
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	1	0.34
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	1	0.34
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	1	0.34
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	1	0.34
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	1	0.34
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	1	0.34
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	1	0.34
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	17	0.34
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	17	0.34
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	17	0.34
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	17	0.34
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	17	0.34
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	17	0.34
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	17	0.34
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	17	0.34
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	17	0.34
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	4	0.34
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	4	0.34
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	4	0.34
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	4	0.34
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	4	0.34
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	4	0.34
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	4	0.34
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	4	0.34
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	4	0.34
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	12	0.33
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	12	0.33
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	12	0.33
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	12	0.33
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	12	0.33
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	12	0.33
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	12	0.33
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	12	0.33
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	12	0.33
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	12	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	12	0.33
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	12	0.33
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	12	0.33
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	12	0.33
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	12	0.33
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	12	0.33
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	12	0.33
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	12	0.33
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	3	0.33
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	3	0.33
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	3	0.33
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	3	0.33
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	3	0.33
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	3	0.33
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	3	0.33
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	3	0.33
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	3	0.33
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	2	0.33
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	2	0.33
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	2	0.33
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	2	0.33
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	2	0.33
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	2	0.33
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	2	0.33
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	2	0.33
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	2	0.33
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	2	0.33
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	2	0.33
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	2	0.33
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	2	0.33
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	2	0.33
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	2	0.33
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	2	0.33
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	2	0.33
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	2	0.33
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	2	0.33
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	2	0.33
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	2	0.33
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	2	0.33
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	2	0.33
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	2	0.33
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	2	0.33
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	2	0.33
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	2	0.33
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	2	0.33
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	2	0.33
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	2	0.33
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	2	0.33
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	2	0.33
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	2	0.33
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	2	0.33
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	2	0.33
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	2	0.33
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	2	0.33
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	2	0.33
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	2	0.33
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	2	0.33
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	2	0.33
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	2	0.33
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	2	0.33
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	2	0.33
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	2	0.33
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	2	0.33
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	2	0.33
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	2	0.33
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	2	0.33
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	2	0.33
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	2	0.33
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	2	0.33
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	2	0.33
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	6	0.33
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	6	0.33
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	6	0.33
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	6	0.33
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	6	0.33
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	6	0.33
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	6	0.33
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	6	0.33
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	6	0.33
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	6	0.33
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	6	0.33
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	6	0.33
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	6	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	6	0.33
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	6	0.33
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	6	0.33
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	6	0.33
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	6	0.33
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	6	0.33
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	6	0.33
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	6	0.33
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	6	0.33
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	6	0.33
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	6	0.33
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	6	0.33
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	6	0.33
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	6	0.33
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	6	0.33
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	6	0.33
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	6	0.33
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	6	0.33
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	6	0.33
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	6	0.33
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	6	0.33
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	6	0.33
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	6	0.33
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	6	0.33
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	6	0.33
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	6	0.33
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	6	0.33
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	6	0.33
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	6	0.33
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	6	0.33
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	6	0.33
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	6	0.33
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	6	0.33
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	6	0.33
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	6	0.33
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	6	0.33
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	6	0.33
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	6	0.33
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	6	0.33
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	6	0.33
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	6	0.33
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	9	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	9	0.33
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	9	0.33
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	9	0.33
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	9	0.33
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	9	0.33
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	9	0.33
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	9	0.33
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	9	0.33
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	9	0.33
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	9	0.33
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	9	0.33
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	9	0.33
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	9	0.33
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	9	0.33
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	9	0.33
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	9	0.33
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	9	0.33
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	9	0.33
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	9	0.33
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	9	0.33
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	9	0.33
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	9	0.33
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	9	0.33
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	9	0.33
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	9	0.33
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	9	0.33
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	9	0.33
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	9	0.33
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	9	0.33
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	9	0.33
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	9	0.33
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	9	0.33
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	9	0.33
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	9	0.33
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	9	0.33
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	9	0.33
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	9	0.33
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	9	0.33
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	9	0.33
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	9	0.33
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	9	0.33
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	9	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	9	0.33
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	9	0.33
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	9	0.33
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	9	0.33
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	9	0.33
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	9	0.33
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	9	0.33
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	9	0.33
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	9	0.33
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	9	0.33
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	9	0.33
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	14	0.33
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	14	0.33
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	14	0.33
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	14	0.33
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	14	0.33
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	14	0.33
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	14	0.33
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	14	0.33
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	14	0.33
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	14	0.33
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	14	0.33
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	14	0.33
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	14	0.33
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	14	0.33
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	14	0.33
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	14	0.33
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	14	0.33
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	14	0.33
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	14	0.33
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	14	0.33
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	14	0.33
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	14	0.33
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	14	0.33
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	14	0.33
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	14	0.33
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	14	0.33
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	14	0.33
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	14	0.33
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	14	0.33
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	14	0.33
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	14	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	14	0.33
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	14	0.33
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	14	0.33
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	14	0.33
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	14	0.33
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	14	0.33
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	14	0.33
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	14	0.33
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	14	0.33
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	14	0.33
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	14	0.33
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	14	0.33
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	14	0.33
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	14	0.33
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	14	0.33
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	14	0.33
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	14	0.33
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	14	0.33
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	14	0.33
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	14	0.33
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	14	0.33
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	14	0.33
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	14	0.33
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	15	0.33
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	15	0.33
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	15	0.33
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	15	0.33
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	15	0.33
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	15	0.33
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	15	0.33
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	15	0.33
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	15	0.33
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	15	0.33
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	15	0.33
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	15	0.33
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	15	0.33
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	15	0.33
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	15	0.33
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	15	0.33
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	15	0.33
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	15	0.33
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	15	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	15	0.33
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	15	0.33
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	15	0.33
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	15	0.33
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	15	0.33
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	15	0.33
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	15	0.33
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	15	0.33
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	15	0.33
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	15	0.33
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	15	0.33
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	15	0.33
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	15	0.33
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	15	0.33
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	15	0.33
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	15	0.33
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	15	0.33
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	15	0.33
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	15	0.33
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	15	0.33
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	15	0.33
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	15	0.33
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	15	0.33
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	15	0.33
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	15	0.33
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	15	0.33
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	15	0.33
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	15	0.33
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	15	0.33
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	15	0.33
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	15	0.33
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	15	0.33
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	15	0.33
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	15	0.33
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	15	0.33
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	18	0.33
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	18	0.33
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	18	0.33
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	18	0.33
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	18	0.33
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	18	0.33
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	18	0.33
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	18	0.33
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	18	0.33
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	18	0.33
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	18	0.33
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	18	0.33
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	18	0.33
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	18	0.33
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	18	0.33
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	18	0.33
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	18	0.33
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	18	0.33
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	18	0.33
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	18	0.33
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	18	0.33
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	18	0.33
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	18	0.33
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	18	0.33
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	18	0.33
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	18	0.33
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	18	0.33
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	18	0.33
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	18	0.33
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	18	0.33
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	18	0.33
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	18	0.33
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	18	0.33
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	18	0.33
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	18	0.33
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	18	0.33
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	18	0.33
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	18	0.33
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	18	0.33
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	18	0.33
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	18	0.33
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	18	0.33
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	18	0.33
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	18	0.33
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	18	0.33
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	18	0.33
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	18	0.33
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	18	0.33
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	18	0.33
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	18	0.33
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	18	0.33
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	18	0.33
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	1	0.33
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	1	0.33
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	1	0.33
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	1	0.33
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	1	0.33
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	1	0.33
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	1	0.33
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	1	0.33
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	1	0.33
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	1	0.33
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	1	0.33
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	1	0.33
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	1	0.33
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	1	0.33
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	1	0.33
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	1	0.33
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	1	0.33
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	1	0.33
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	1	0.33
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	1	0.33
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	1	0.33
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	1	0.33
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	1	0.33
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	1	0.33
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	1	0.33
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	1	0.33
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	1	0.33
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	4	0.33
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	4	0.33
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	4	0.33
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	4	0.33
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	4	0.33
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	4	0.33
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	4	0.33
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	4	0.33
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	4	0.33
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	4	0.33
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	4	0.33
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	4	0.33
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	4	0.33
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	4	0.33
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	4	0.33
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	4	0.33
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	4	0.33
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	12	0.33
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	12	0.33
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	12	0.33
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	12	0.33
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	12	0.33
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	12	0.33
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	12	0.33
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	12	0.33
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	12	0.33
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	12	0.33
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	12	0.33
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	12	0.33
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	12	0.33
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	12	0.33
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	12	0.33
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	12	0.33
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	12	0.33
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	12	0.33
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	15	0.33
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	15	0.33
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	15	0.33
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	15	0.33
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	15	0.33
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	15	0.33
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	15	0.33
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	15	0.33
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	15	0.33
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	15	0.33
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	15	0.33
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	15	0.33
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	15	0.33
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	15	0.33
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	15	0.33
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	15	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	15	0.33
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	15	0.33
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	5	0.33
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	5	0.33
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	5	0.33
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	5	0.33
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	5	0.33
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	5	0.33
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	5	0.33
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	5	0.33
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	5	0.33
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	5	0.33
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	5	0.33
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	5	0.33
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	5	0.33
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	5	0.33
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	5	0.33
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	5	0.33
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	5	0.33
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	5	0.33
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	5	0.33
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	5	0.33
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	5	0.33
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	5	0.33
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	5	0.33
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	5	0.33
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	5	0.33
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	5	0.33
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	5	0.33
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	5	0.33
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	5	0.33
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	5	0.33
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	5	0.33
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	5	0.33
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	5	0.33
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	5	0.33
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	5	0.33
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	5	0.33
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	5	0.33
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	5	0.33
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	5	0.33
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	5	0.33
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	5	0.33
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	5	0.33
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	5	0.33
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	5	0.33
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	5	0.33
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	5	0.33
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	5	0.33
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	5	0.33
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	5	0.33
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	5	0.33
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	5	0.33
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	5	0.33
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	5	0.33
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	5	0.33
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	5	0.33
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	5	0.33
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	5	0.33
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	5	0.33
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	5	0.33
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	5	0.33
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	5	0.33
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	5	0.33
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	8	0.33
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	8	0.33
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	8	0.33
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	8	0.33
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	8	0.33
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	8	0.33
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	8	0.33
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	8	0.33
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	8	0.33
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	8	0.33
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	8	0.33
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	8	0.33
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	8	0.33
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	8	0.33
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	8	0.33
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	8	0.33
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	8	0.33
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	8	0.33
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	8	0.33
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	8	0.33
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	8	0.33
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	8	0.33
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	8	0.33
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	8	0.33
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	8	0.33
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	8	0.33
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	8	0.33
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	8	0.33
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	8	0.33
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	8	0.33
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	8	0.33
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	8	0.33
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	8	0.33
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	8	0.33
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	8	0.33
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	8	0.33
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	8	0.33
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	8	0.33
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	8	0.33
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	8	0.33
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	8	0.33
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	8	0.33
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	8	0.33
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	8	0.33
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	8	0.33
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	8	0.33
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	8	0.33
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	8	0.33
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	8	0.33
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	8	0.33
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	8	0.33
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	8	0.33
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	8	0.33
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	17	0.33
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	17	0.33
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	17	0.33
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	17	0.33
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	17	0.33
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	17	0.33
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	17	0.33
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	17	0.33
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	17	0.33
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	17	0.33
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	17	0.33
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	17	0.33
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	17	0.33
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	17	0.33
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	17	0.33
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	17	0.33
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	17	0.33
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	17	0.33
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	17	0.33
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	17	0.33
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	17	0.33
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	17	0.33
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	17	0.33
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	17	0.33
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	17	0.33
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	17	0.33
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	10	0.33
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	10	0.33
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	10	0.33
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	10	0.33
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	10	0.33
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	10	0.33
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	10	0.33
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	10	0.33
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	10	0.33
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	10	0.33
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	10	0.33
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	10	0.33
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	10	0.33
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	10	0.33
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	10	0.33
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	10	0.33
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	10	0.33
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	10	0.33
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	10	0.33
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	10	0.33
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	10	0.33
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	10	0.33
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	10	0.33
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	10	0.33
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	10	0.33
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	10	0.33
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	10	0.33
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	13	0.33
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	13	0.33
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	13	0.33
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	13	0.33
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	13	0.33
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	13	0.33
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	13	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	13	0.33
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	13	0.33
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	13	0.33
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	13	0.33
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	13	0.33
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	13	0.33
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	13	0.33
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	13	0.33
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	13	0.33
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	13	0.33
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	13	0.33
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	13	0.33
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	13	0.33
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	13	0.33
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	13	0.33
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	13	0.33
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	13	0.33
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	13	0.33
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	13	0.33
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	13	0.33
(1,237)	1:A:14:TRP:HD1	1:A:10:ILE:HA	5	0.33
(1,237)	1:A:14:TRP:HD1	1:B:10:ILE:HA	5	0.33
(1,237)	1:A:14:TRP:HD1	1:C:10:ILE:HA	5	0.33
(1,237)	1:B:14:TRP:HD1	1:A:10:ILE:HA	5	0.33
(1,237)	1:B:14:TRP:HD1	1:B:10:ILE:HA	5	0.33
(1,237)	1:B:14:TRP:HD1	1:C:10:ILE:HA	5	0.33
(1,237)	1:C:14:TRP:HD1	1:A:10:ILE:HA	5	0.33
(1,237)	1:C:14:TRP:HD1	1:B:10:ILE:HA	5	0.33
(1,237)	1:C:14:TRP:HD1	1:C:10:ILE:HA	5	0.33
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	11	0.33
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	11	0.33
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	11	0.33
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	11	0.33
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	11	0.33
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	11	0.33
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	11	0.33
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	11	0.33
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	11	0.33
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	11	0.33
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	11	0.33
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	11	0.33
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	11	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	11	0.33
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	11	0.33
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	11	0.33
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	11	0.33
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	11	0.33
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	11	0.33
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	11	0.33
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	11	0.33
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	11	0.33
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	11	0.33
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	11	0.33
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	11	0.33
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	11	0.33
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	11	0.33
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	15	0.33
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	15	0.33
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	15	0.33
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	15	0.33
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	15	0.33
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	15	0.33
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	15	0.33
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	15	0.33
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	15	0.33
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	15	0.33
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	15	0.33
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	15	0.33
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	15	0.33
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	15	0.33
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	15	0.33
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	15	0.33
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	15	0.33
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	15	0.33
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	15	0.33
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	15	0.33
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	15	0.33
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	15	0.33
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	15	0.33
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	15	0.33
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	15	0.33
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	15	0.33
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	15	0.33
(1,220)	1:A:18:ILE:HB	1:A:15:THR:HA	1	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,220)	1:A:18:ILE:HB	1:B:15:THR:HA	1	0.33
(1,220)	1:A:18:ILE:HB	1:C:15:THR:HA	1	0.33
(1,220)	1:B:18:ILE:HB	1:A:15:THR:HA	1	0.33
(1,220)	1:B:18:ILE:HB	1:B:15:THR:HA	1	0.33
(1,220)	1:B:18:ILE:HB	1:C:15:THR:HA	1	0.33
(1,220)	1:C:18:ILE:HB	1:A:15:THR:HA	1	0.33
(1,220)	1:C:18:ILE:HB	1:B:15:THR:HA	1	0.33
(1,220)	1:C:18:ILE:HB	1:C:15:THR:HA	1	0.33
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	12	0.33
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	12	0.33
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	12	0.33
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	12	0.33
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	12	0.33
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	12	0.33
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	12	0.33
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	12	0.33
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	12	0.33
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	12	0.33
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	12	0.33
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	12	0.33
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	12	0.33
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	12	0.33
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	12	0.33
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	12	0.33
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	12	0.33
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	12	0.33
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	18	0.33
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	18	0.33
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	18	0.33
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	18	0.33
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	18	0.33
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	18	0.33
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	18	0.33
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	18	0.33
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	18	0.33
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	18	0.33
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	18	0.33
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	18	0.33
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	18	0.33
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	18	0.33
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	18	0.33
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	18	0.33
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	18	0.33
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	19	0.33
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	19	0.33
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	19	0.33
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	19	0.33
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	19	0.33
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	19	0.33
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	19	0.33
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	19	0.33
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	19	0.33
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	19	0.33
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	19	0.33
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	19	0.33
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	19	0.33
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	19	0.33
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	19	0.33
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	19	0.33
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	19	0.33
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	19	0.33
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	4	0.33
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	4	0.33
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	4	0.33
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	4	0.33
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	4	0.33
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	4	0.33
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	4	0.33
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	4	0.33
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	4	0.33
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	16	0.33
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	16	0.33
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	16	0.33
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	16	0.33
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	16	0.33
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	16	0.33
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	16	0.33
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	16	0.33
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	16	0.33
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	10	0.33
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	10	0.33
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	10	0.33
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	10	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	10	0.33
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	10	0.33
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	10	0.33
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	10	0.33
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	10	0.33
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	1	0.33
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	1	0.33
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	1	0.33
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	1	0.33
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	1	0.33
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	1	0.33
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	1	0.33
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	1	0.33
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	1	0.33
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	6	0.33
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	6	0.33
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	6	0.33
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	6	0.33
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	6	0.33
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	6	0.33
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	6	0.33
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	6	0.33
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	6	0.33
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	8	0.33
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	8	0.33
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	8	0.33
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	8	0.33
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	8	0.33
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	8	0.33
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	8	0.33
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	8	0.33
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	8	0.33
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	9	0.33
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	9	0.33
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	9	0.33
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	9	0.33
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	9	0.33
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	9	0.33
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	9	0.33
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	9	0.33
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	9	0.33
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	15	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	15	0.33
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	15	0.33
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	15	0.33
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	15	0.33
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	15	0.33
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	15	0.33
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	15	0.33
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	15	0.33
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	18	0.33
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	18	0.33
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	18	0.33
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	18	0.33
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	18	0.33
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	18	0.33
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	18	0.33
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	18	0.33
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	18	0.33
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	3	0.33
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	3	0.33
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	3	0.33
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	3	0.33
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	3	0.33
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	3	0.33
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	3	0.33
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	3	0.33
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	3	0.33
(1,135)	1:A:12:GLY:HA2	1:A:13:GLY:H	14	0.33
(1,135)	1:A:12:GLY:HA2	1:B:13:GLY:H	14	0.33
(1,135)	1:A:12:GLY:HA2	1:C:13:GLY:H	14	0.33
(1,135)	1:B:12:GLY:HA2	1:A:13:GLY:H	14	0.33
(1,135)	1:B:12:GLY:HA2	1:B:13:GLY:H	14	0.33
(1,135)	1:B:12:GLY:HA2	1:C:13:GLY:H	14	0.33
(1,135)	1:C:12:GLY:HA2	1:A:13:GLY:H	14	0.33
(1,135)	1:C:12:GLY:HA2	1:B:13:GLY:H	14	0.33
(1,135)	1:C:12:GLY:HA2	1:C:13:GLY:H	14	0.33
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	10	0.32
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	10	0.32
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	10	0.32
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	10	0.32
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	10	0.32
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	10	0.32
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	10	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	10	0.32
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	10	0.32
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	10	0.32
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	10	0.32
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	10	0.32
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	10	0.32
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	10	0.32
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	10	0.32
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	10	0.32
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	10	0.32
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	10	0.32
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	17	0.32
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	17	0.32
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	17	0.32
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	17	0.32
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	17	0.32
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	17	0.32
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	17	0.32
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	17	0.32
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	17	0.32
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	17	0.32
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	17	0.32
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	17	0.32
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	17	0.32
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	17	0.32
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	17	0.32
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	17	0.32
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	17	0.32
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	17	0.32
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG21	3	0.32
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG22	3	0.32
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG23	3	0.32
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG21	3	0.32
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG22	3	0.32
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG23	3	0.32
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG21	3	0.32
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG22	3	0.32
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG23	3	0.32
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG21	3	0.32
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG22	3	0.32
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG23	3	0.32
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG21	3	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG22	3	0.32
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG23	3	0.32
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG21	3	0.32
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG22	3	0.32
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG23	3	0.32
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG21	3	0.32
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG22	3	0.32
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG23	3	0.32
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG21	3	0.32
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG22	3	0.32
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG23	3	0.32
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG21	3	0.32
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG22	3	0.32
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG23	3	0.32
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	9	0.32
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	9	0.32
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	9	0.32
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	9	0.32
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	9	0.32
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	9	0.32
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	9	0.32
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	9	0.32
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	9	0.32
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	9	0.32
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	9	0.32
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	9	0.32
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	9	0.32
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	9	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	9	0.32
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	9	0.32
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	9	0.32
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	9	0.32
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	9	0.32
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	9	0.32
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	9	0.32
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	9	0.32
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	9	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	9	0.32
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	9	0.32
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	9	0.32
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	9	0.32
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	9	0.32
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	9	0.32
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	9	0.32
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	9	0.32
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	9	0.32
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	9	0.32
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	9	0.32
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	19	0.32
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	19	0.32
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	19	0.32
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	19	0.32
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	19	0.32
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	19	0.32
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	19	0.32
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	19	0.32
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	19	0.32
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	19	0.32
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	19	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	19	0.32
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	19	0.32
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	19	0.32
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	19	0.32
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	19	0.32
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	19	0.32
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	19	0.32
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	19	0.32
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	19	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	19	0.32
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	19	0.32
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	19	0.32
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	19	0.32
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	19	0.32
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	19	0.32
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	19	0.32
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	19	0.32
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	19	0.32
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	19	0.32
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	19	0.32
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	19	0.32
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	19	0.32
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	19	0.32
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	3	0.32
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	3	0.32
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	3	0.32
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	3	0.32
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	3	0.32
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	3	0.32
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	3	0.32
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	3	0.32
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	3	0.32
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	7	0.32
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	7	0.32
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	7	0.32
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	7	0.32
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	7	0.32
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	7	0.32
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	7	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	7	0.32
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	7	0.32
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	4	0.32
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	4	0.32
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	4	0.32
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	4	0.32
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	4	0.32
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	4	0.32
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	4	0.32
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	4	0.32
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	4	0.32
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	4	0.32
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	4	0.32
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	4	0.32
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	4	0.32
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	4	0.32
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	4	0.32
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	4	0.32
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	4	0.32
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	4	0.32
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	4	0.32
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	4	0.32
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	4	0.32
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	4	0.32
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	4	0.32
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	4	0.32
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	4	0.32
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	4	0.32
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	4	0.32
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	4	0.32
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	4	0.32
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	4	0.32
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	4	0.32
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	4	0.32
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	4	0.32
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	4	0.32
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	4	0.32
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	4	0.32
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	4	0.32
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	4	0.32
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	4	0.32
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	4	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	4	0.32
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	4	0.32
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	4	0.32
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	4	0.32
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	4	0.32
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	4	0.32
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	4	0.32
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	4	0.32
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	4	0.32
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	4	0.32
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	4	0.32
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	4	0.32
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	4	0.32
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	4	0.32
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	8	0.32
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	8	0.32
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	8	0.32
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	8	0.32
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	8	0.32
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	8	0.32
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	8	0.32
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	8	0.32
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	8	0.32
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	8	0.32
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	8	0.32
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	8	0.32
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	8	0.32
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	8	0.32
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	8	0.32
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	8	0.32
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	8	0.32
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	8	0.32
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	8	0.32
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	8	0.32
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	8	0.32
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	8	0.32
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	8	0.32
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	8	0.32
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	8	0.32
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	8	0.32
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	8	0.32
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	8	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	8	0.32
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	8	0.32
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	8	0.32
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	8	0.32
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	8	0.32
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	8	0.32
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	8	0.32
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	8	0.32
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	8	0.32
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	8	0.32
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	8	0.32
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	8	0.32
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	8	0.32
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	8	0.32
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	8	0.32
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	8	0.32
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	8	0.32
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	8	0.32
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	8	0.32
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	8	0.32
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	8	0.32
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	8	0.32
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	8	0.32
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	8	0.32
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	8	0.32
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	8	0.32
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	2	0.32
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	2	0.32
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	2	0.32
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	2	0.32
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	2	0.32
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	2	0.32
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	2	0.32
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	2	0.32
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	2	0.32
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	2	0.32
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	2	0.32
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	2	0.32
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	2	0.32
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	2	0.32
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	2	0.32
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	2	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	2	0.32
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	2	0.32
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	5	0.32
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	5	0.32
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	5	0.32
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	5	0.32
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	5	0.32
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	5	0.32
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	5	0.32
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	5	0.32
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	5	0.32
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	5	0.32
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	5	0.32
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	5	0.32
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	5	0.32
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	5	0.32
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	5	0.32
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	5	0.32
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	5	0.32
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	5	0.32
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	8	0.32
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	8	0.32
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	8	0.32
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	8	0.32
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	8	0.32
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	8	0.32
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	8	0.32
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	8	0.32
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	8	0.32
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	8	0.32
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	8	0.32
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	8	0.32
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	8	0.32
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	8	0.32
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	8	0.32
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	8	0.32
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	8	0.32
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	8	0.32
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	9	0.32
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	9	0.32
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	9	0.32
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	9	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	9	0.32
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	9	0.32
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	9	0.32
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	9	0.32
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	9	0.32
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	9	0.32
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	9	0.32
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	9	0.32
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	9	0.32
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	9	0.32
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	9	0.32
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	9	0.32
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	9	0.32
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	9	0.32
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	3	0.32
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	3	0.32
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	3	0.32
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	3	0.32
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	3	0.32
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	3	0.32
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	3	0.32
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	3	0.32
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	3	0.32
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	3	0.32
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	3	0.32
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	3	0.32
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	3	0.32
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	3	0.32
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	3	0.32
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	3	0.32
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	3	0.32
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	3	0.32
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	3	0.32
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	3	0.32
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	3	0.32
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	3	0.32
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	3	0.32
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	3	0.32
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	3	0.32
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	3	0.32
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	3	0.32
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	3	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	3	0.32
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	3	0.32
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	3	0.32
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	3	0.32
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	3	0.32
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	3	0.32
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	3	0.32
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	3	0.32
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	3	0.32
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	3	0.32
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	3	0.32
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	3	0.32
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	3	0.32
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	3	0.32
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	3	0.32
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	3	0.32
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	3	0.32
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	3	0.32
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	3	0.32
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	3	0.32
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	3	0.32
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	3	0.32
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	3	0.32
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	3	0.32
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	3	0.32
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	3	0.32
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	10	0.32
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	10	0.32
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	10	0.32
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	10	0.32
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	10	0.32
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	10	0.32
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	10	0.32
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	10	0.32
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	10	0.32
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	10	0.32
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	10	0.32
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	10	0.32
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	10	0.32
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	10	0.32
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	10	0.32
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	10	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	10	0.32
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	10	0.32
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	10	0.32
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	10	0.32
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	10	0.32
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	10	0.32
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	10	0.32
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	10	0.32
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	10	0.32
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	10	0.32
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	10	0.32
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	10	0.32
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	10	0.32
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	10	0.32
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	10	0.32
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	10	0.32
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	10	0.32
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	10	0.32
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	10	0.32
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	10	0.32
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	10	0.32
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	10	0.32
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	10	0.32
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	10	0.32
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	10	0.32
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	10	0.32
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	10	0.32
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	10	0.32
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	10	0.32
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	10	0.32
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	10	0.32
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	10	0.32
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	10	0.32
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	10	0.32
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	10	0.32
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	10	0.32
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	10	0.32
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	10	0.32
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	1	0.32
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	1	0.32
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	1	0.32
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	1	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	1	0.32
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	1	0.32
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	1	0.32
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	1	0.32
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	1	0.32
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	1	0.32
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	1	0.32
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	1	0.32
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	1	0.32
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	1	0.32
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	1	0.32
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	1	0.32
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	1	0.32
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	1	0.32
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	1	0.32
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	1	0.32
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	1	0.32
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	1	0.32
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	1	0.32
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	1	0.32
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	1	0.32
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	1	0.32
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	1	0.32
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	15	0.32
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	15	0.32
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	15	0.32
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	15	0.32
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	15	0.32
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	15	0.32
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	15	0.32
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	15	0.32
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	15	0.32
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	15	0.32
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	15	0.32
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	15	0.32
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	15	0.32
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	15	0.32
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	15	0.32
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	15	0.32
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	15	0.32
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	15	0.32
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	15	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	15	0.32
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	15	0.32
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	15	0.32
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	15	0.32
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	15	0.32
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	15	0.32
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	15	0.32
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	15	0.32
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	20	0.32
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	20	0.32
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	20	0.32
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	20	0.32
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	20	0.32
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	20	0.32
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	20	0.32
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	20	0.32
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	20	0.32
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	20	0.32
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	20	0.32
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	20	0.32
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	20	0.32
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	20	0.32
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	20	0.32
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	20	0.32
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	20	0.32
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	20	0.32
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	20	0.32
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	20	0.32
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	20	0.32
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	20	0.32
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	20	0.32
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	20	0.32
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	20	0.32
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	20	0.32
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	20	0.32
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	10	0.32
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	10	0.32
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	10	0.32
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	10	0.32
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	10	0.32
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	10	0.32
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	10	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	10	0.32
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	10	0.32
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	10	0.32
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	10	0.32
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	10	0.32
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	10	0.32
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	10	0.32
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	10	0.32
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	10	0.32
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	10	0.32
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	10	0.32
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	10	0.32
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	10	0.32
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	10	0.32
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	10	0.32
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	10	0.32
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	10	0.32
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	10	0.32
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	10	0.32
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	10	0.32
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	10	0.32
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	10	0.32
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	10	0.32
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	10	0.32
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	10	0.32
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	10	0.32
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	10	0.32
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	10	0.32
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	10	0.32
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	10	0.32
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	10	0.32
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	10	0.32
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	10	0.32
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	10	0.32
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	10	0.32
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	10	0.32
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	10	0.32
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	10	0.32
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	10	0.32
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	10	0.32
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	10	0.32
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	10	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	10	0.32
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	10	0.32
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	10	0.32
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	10	0.32
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	10	0.32
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	18	0.32
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	18	0.32
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	18	0.32
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	18	0.32
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	18	0.32
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	18	0.32
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	18	0.32
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	18	0.32
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	18	0.32
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	18	0.32
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	18	0.32
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	18	0.32
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	18	0.32
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	18	0.32
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	18	0.32
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	18	0.32
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	18	0.32
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	18	0.32
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	18	0.32
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	18	0.32
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	18	0.32
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	18	0.32
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	18	0.32
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	18	0.32
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	18	0.32
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	18	0.32
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	18	0.32
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	18	0.32
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	18	0.32
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	18	0.32
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	18	0.32
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	18	0.32
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	18	0.32
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	18	0.32
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	18	0.32
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	18	0.32
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	18	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	18	0.32
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	18	0.32
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	18	0.32
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	18	0.32
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	18	0.32
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	18	0.32
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	18	0.32
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	18	0.32
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	18	0.32
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	18	0.32
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	18	0.32
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	18	0.32
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	18	0.32
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	18	0.32
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	18	0.32
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	18	0.32
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	18	0.32
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD11	15	0.32
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD12	15	0.32
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD13	15	0.32
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD11	15	0.32
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD12	15	0.32
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD13	15	0.32
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD11	15	0.32
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD12	15	0.32
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD13	15	0.32
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD11	15	0.32
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD12	15	0.32
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD13	15	0.32
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD11	15	0.32
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD12	15	0.32
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD13	15	0.32
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD11	15	0.32
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD12	15	0.32
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD13	15	0.32
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD11	15	0.32
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD12	15	0.32
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD13	15	0.32
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD11	15	0.32
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD12	15	0.32
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD13	15	0.32
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD11	15	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD12	15	0.32
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD13	15	0.32
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	2	0.32
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	2	0.32
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	2	0.32
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	2	0.32
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	2	0.32
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	2	0.32
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	2	0.32
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	2	0.32
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	2	0.32
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	2	0.32
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	2	0.32
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	2	0.32
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	2	0.32
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	2	0.32
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	2	0.32
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	2	0.32
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	2	0.32
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	2	0.32
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	2	0.32
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	2	0.32
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	2	0.32
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	2	0.32
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	2	0.32
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	2	0.32
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	2	0.32
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	2	0.32
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	2	0.32
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	5	0.32
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	5	0.32
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	5	0.32
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	5	0.32
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	5	0.32
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	5	0.32
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	5	0.32
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	5	0.32
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	5	0.32
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	5	0.32
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	5	0.32
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	5	0.32
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	5	0.32
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	5	0.32
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	5	0.32
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	5	0.32
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	5	0.32
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	5	0.32
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	5	0.32
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	5	0.32
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	5	0.32
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	5	0.32
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	5	0.32
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	5	0.32
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	5	0.32
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	5	0.32
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	17	0.32
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	17	0.32
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	17	0.32
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	17	0.32
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	17	0.32
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	17	0.32
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	17	0.32
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	17	0.32
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	17	0.32
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	17	0.32
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	17	0.32
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	17	0.32
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	17	0.32
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	17	0.32
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	17	0.32
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	17	0.32
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	17	0.32
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	17	0.32
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	17	0.32
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	17	0.32
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	17	0.32
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	17	0.32
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	17	0.32
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	17	0.32
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	17	0.32
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	17	0.32
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	17	0.32
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	3	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	3	0.32
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	3	0.32
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	3	0.32
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	3	0.32
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	3	0.32
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	3	0.32
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	3	0.32
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	3	0.32
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	3	0.32
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	3	0.32
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	3	0.32
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	3	0.32
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	3	0.32
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	3	0.32
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	3	0.32
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	3	0.32
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	3	0.32
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	3	0.32
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	3	0.32
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	3	0.32
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	3	0.32
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	3	0.32
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	3	0.32
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	3	0.32
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	3	0.32
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	3	0.32
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	3	0.32
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	3	0.32
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	3	0.32
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	3	0.32
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	3	0.32
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	3	0.32
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	3	0.32
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	3	0.32
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	3	0.32
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	6	0.32
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	6	0.32
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	6	0.32
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	6	0.32
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	6	0.32
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	6	0.32
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	6	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	6	0.32
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	6	0.32
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	6	0.32
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	6	0.32
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	6	0.32
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	6	0.32
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	6	0.32
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	6	0.32
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	6	0.32
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	6	0.32
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	6	0.32
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	10	0.32
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	10	0.32
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	10	0.32
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	10	0.32
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	10	0.32
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	10	0.32
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	10	0.32
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	10	0.32
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	10	0.32
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	2	0.32
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	2	0.32
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	2	0.32
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	2	0.32
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	2	0.32
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	2	0.32
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	2	0.32
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	2	0.32
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	2	0.32
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	5	0.32
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	5	0.32
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	5	0.32
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	5	0.32
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	5	0.32
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	5	0.32
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	5	0.32
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	5	0.32
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	5	0.32
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	11	0.32
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	11	0.32
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	11	0.32
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	11	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	11	0.32
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	11	0.32
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	11	0.32
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	11	0.32
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	11	0.32
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	13	0.32
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	13	0.32
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	13	0.32
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	13	0.32
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	13	0.32
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	13	0.32
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	13	0.32
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	13	0.32
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	13	0.32
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	19	0.32
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	19	0.32
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	19	0.32
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	19	0.32
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	19	0.32
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	19	0.32
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	19	0.32
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	19	0.32
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	19	0.32
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	20	0.32
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	20	0.32
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	20	0.32
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	20	0.32
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	20	0.32
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	20	0.32
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	20	0.32
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	20	0.32
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	20	0.32
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	1	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	1	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	1	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	1	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	1	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	1	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	1	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	1	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	1	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	1	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	1	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	1	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	1	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	1	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	1	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	1	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	1	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	1	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	1	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	1	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	1	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	1	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	1	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	1	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	1	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	1	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	1	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	1	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	1	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	1	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	1	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	1	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	1	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	1	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	2	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	2	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	2	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	2	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	2	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	2	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	2	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	2	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	2	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	2	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	2	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	2	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	2	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	2	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	2	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	2	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	2	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	2	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	2	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	2	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	2	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	2	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	2	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	2	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	2	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	2	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	2	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	2	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	2	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	2	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	2	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	2	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	2	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	2	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	2	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	2	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	2	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	2	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	2	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	2	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	2	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	2	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	2	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	2	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	2	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	2	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	2	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	2	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	3	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	3	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	3	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	3	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	3	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	3	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	3	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	3	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	3	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	3	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	3	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	3	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	3	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	3	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	3	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	3	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	3	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	3	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	3	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	3	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	3	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	3	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	3	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	3	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	3	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	3	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	3	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	3	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	3	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	3	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	3	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	3	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	3	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	3	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	4	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	4	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	4	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	4	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	4	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	4	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	4	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	4	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	4	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	4	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	4	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	4	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	4	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	4	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	4	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	4	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	4	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	4	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	4	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	4	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	4	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	4	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	4	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	4	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	4	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	4	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	4	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	4	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	4	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	4	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	4	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	4	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	4	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	4	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	5	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	5	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	5	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	5	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	5	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	5	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	5	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	5	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	5	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	5	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	5	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	5	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	5	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	5	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	5	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	5	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	5	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	5	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	5	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	5	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	5	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	5	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	5	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	5	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	5	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	5	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	5	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	5	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	5	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	5	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	5	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	5	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	5	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	5	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	6	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	6	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	6	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	6	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	6	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	6	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	6	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	6	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	6	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	6	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	6	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	6	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	6	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	6	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	6	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	6	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	6	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	6	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	6	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	6	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	6	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	6	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	6	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	6	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	6	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	6	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	6	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	6	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	6	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	6	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	6	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	6	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	6	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	6	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	7	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	7	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	7	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	7	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	7	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	7	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	7	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	7	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	7	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	7	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	7	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	7	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	7	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	7	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	7	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	7	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	7	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	7	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	7	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	7	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	7	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	7	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	7	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	7	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	7	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	7	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	7	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	7	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	7	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	7	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	7	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	7	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	7	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	7	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	8	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	8	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	8	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	8	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	8	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	8	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	8	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	8	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	8	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	8	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	8	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	8	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	8	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	8	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	8	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	8	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	8	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	8	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	8	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	8	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	8	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	8	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	8	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	8	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	8	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	8	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	8	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	8	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	8	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	8	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	8	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	8	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	8	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	8	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	10	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	10	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	10	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	10	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	10	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	10	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	10	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	10	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	10	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	10	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	10	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	10	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	10	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	10	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	10	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	10	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	10	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	10	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	10	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	10	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	10	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	10	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	10	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	10	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	10	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	10	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	10	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	10	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	10	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	10	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	10	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	10	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	10	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	10	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	10	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	10	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	10	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	10	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	10	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	10	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	10	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	10	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	10	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	10	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	10	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	10	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	10	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	10	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	11	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	11	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	11	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	11	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	11	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	11	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	11	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	11	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	11	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	11	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	11	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	11	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	11	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	11	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	11	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	11	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	11	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	11	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	11	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	11	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	11	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	11	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	11	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	11	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	11	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	11	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	11	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	11	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	11	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	11	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	11	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	11	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	11	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	11	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	12	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	12	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	12	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	12	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	12	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	12	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	12	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	12	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	12	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	12	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	12	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	12	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	12	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	12	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	12	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	12	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	12	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	12	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	12	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	12	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	12	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	12	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	12	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	12	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	12	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	12	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	12	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	12	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	12	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	12	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	12	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	12	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	12	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	12	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	13	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	13	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	13	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	13	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	13	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	13	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	13	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	13	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	13	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	13	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	13	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	13	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	13	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	13	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	13	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	13	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	13	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	13	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	13	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	13	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	13	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	13	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	13	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	13	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	13	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	13	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	13	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	13	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	13	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	13	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	13	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	13	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	13	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	13	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	14	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	14	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	14	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	14	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	14	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	14	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	14	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	14	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	14	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	14	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	14	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	14	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	14	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	14	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	14	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	14	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	14	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	14	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	14	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	14	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	14	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	14	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	14	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	14	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	14	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	14	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	14	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	14	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	14	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	14	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	14	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	14	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	14	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	14	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	15	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	15	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	15	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	15	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	15	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	15	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	15	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	15	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	15	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	15	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	15	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	15	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	15	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	15	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	15	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	15	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	15	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	15	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	15	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	15	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	15	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	15	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	15	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	15	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	15	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	15	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	15	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	15	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	15	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	15	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	15	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	15	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	15	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	15	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	16	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	16	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	16	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	16	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	16	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	16	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	16	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	16	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	16	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	16	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	16	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	16	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	16	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	16	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	16	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	16	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	16	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	16	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	16	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	16	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	16	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	16	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	16	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	16	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	16	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	16	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	16	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	16	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	16	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	16	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	16	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	16	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	16	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	16	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	17	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	17	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	17	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	17	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	17	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	17	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	17	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	17	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	17	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	17	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	17	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	17	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	17	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	17	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	17	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	17	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	17	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	17	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	17	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	17	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	17	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	17	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	17	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	17	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	17	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	17	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	17	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	17	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	17	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	17	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	17	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	17	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	17	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	17	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	17	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	17	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	17	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	17	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	17	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	17	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	17	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	17	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	17	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	17	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	17	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	17	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	17	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	17	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	18	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	18	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	18	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	18	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	18	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	18	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	18	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	18	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	18	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	18	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	18	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	18	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	18	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	18	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	18	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	18	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	18	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	18	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	18	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	18	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	18	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	18	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	18	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	18	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	18	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	18	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	18	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	18	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	18	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	18	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	18	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	18	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	18	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	18	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HD1	1:A:3:PHE:HB3	20	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HD1	1:B:3:PHE:HB3	20	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HD1	1:C:3:PHE:HB3	20	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HD2	1:A:3:PHE:HB3	20	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HD2	1:B:3:PHE:HB3	20	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HD2	1:C:3:PHE:HB3	20	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HE1	1:A:3:PHE:HB3	20	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HE1	1:B:3:PHE:HB3	20	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HE1	1:C:3:PHE:HB3	20	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HE2	1:A:3:PHE:HB3	20	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HE2	1:B:3:PHE:HB3	20	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HE2	1:C:3:PHE:HB3	20	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HZ	1:A:3:PHE:HB3	20	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HZ	1:B:3:PHE:HB3	20	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB2	20	0.31
(1,84)	1:A:3:PHE:HZ	1:C:3:PHE:HB3	20	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HD1	1:A:3:PHE:HB3	20	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HD1	1:B:3:PHE:HB3	20	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HD1	1:C:3:PHE:HB3	20	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HD2	1:A:3:PHE:HB3	20	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HD2	1:B:3:PHE:HB3	20	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HD2	1:C:3:PHE:HB3	20	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HE1	1:A:3:PHE:HB3	20	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HE1	1:B:3:PHE:HB3	20	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HE1	1:C:3:PHE:HB3	20	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HE2	1:A:3:PHE:HB3	20	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HE2	1:B:3:PHE:HB3	20	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HE2	1:C:3:PHE:HB3	20	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HZ	1:A:3:PHE:HB3	20	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HZ	1:B:3:PHE:HB3	20	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB2	20	0.31
(1,84)	1:B:3:PHE:HZ	1:C:3:PHE:HB3	20	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HD1	1:A:3:PHE:HB3	20	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HD1	1:B:3:PHE:HB3	20	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HD1	1:C:3:PHE:HB3	20	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HD2	1:A:3:PHE:HB3	20	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HD2	1:B:3:PHE:HB3	20	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HD2	1:C:3:PHE:HB3	20	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HE1	1:A:3:PHE:HB3	20	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HE1	1:B:3:PHE:HB3	20	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HE1	1:C:3:PHE:HB3	20	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HE2	1:A:3:PHE:HB3	20	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HE2	1:B:3:PHE:HB3	20	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HE2	1:C:3:PHE:HB3	20	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HZ	1:A:3:PHE:HB3	20	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HZ	1:B:3:PHE:HB3	20	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB2	20	0.31
(1,84)	1:C:3:PHE:HZ	1:C:3:PHE:HB3	20	0.31
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	2	0.31
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	2	0.31
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	2	0.31
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	2	0.31
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	2	0.31
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	2	0.31
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	2	0.31
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	2	0.31
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	2	0.31
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	10	0.31
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	10	0.31
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	10	0.31
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	10	0.31
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	10	0.31
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	10	0.31
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	10	0.31
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	10	0.31
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	10	0.31
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	13	0.31
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	13	0.31
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	13	0.31
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	13	0.31
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	13	0.31
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	13	0.31
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	13	0.31
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	13	0.31
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	13	0.31
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	16	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	16	0.31
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	16	0.31
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	16	0.31
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	16	0.31
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	16	0.31
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	16	0.31
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	16	0.31
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	16	0.31
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	16	0.31
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	16	0.31
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	16	0.31
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	16	0.31
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	16	0.31
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	16	0.31
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	16	0.31
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	16	0.31
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	16	0.31
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	16	0.31
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	16	0.31
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	16	0.31
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	16	0.31
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	16	0.31
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	16	0.31
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	16	0.31
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	16	0.31
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	16	0.31
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	16	0.31
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	16	0.31
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	16	0.31
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	16	0.31
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	16	0.31
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	16	0.31
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	16	0.31
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	16	0.31
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	16	0.31
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	16	0.31
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	16	0.31
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	16	0.31
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	16	0.31
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	16	0.31
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	16	0.31
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	16	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	16	0.31
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	16	0.31
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	16	0.31
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	16	0.31
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	16	0.31
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	16	0.31
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	16	0.31
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	16	0.31
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	16	0.31
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	16	0.31
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	16	0.31
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	20	0.31
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	20	0.31
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	20	0.31
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	20	0.31
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	20	0.31
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	20	0.31
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	20	0.31
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	20	0.31
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	20	0.31
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	20	0.31
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	20	0.31
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	20	0.31
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	20	0.31
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	20	0.31
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	20	0.31
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	20	0.31
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	20	0.31
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	20	0.31
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	20	0.31
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	20	0.31
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	20	0.31
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	20	0.31
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	20	0.31
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	20	0.31
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	20	0.31
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	20	0.31
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	20	0.31
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	20	0.31
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	20	0.31
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	20	0.31
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	20	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	20	0.31
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	20	0.31
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	20	0.31
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	20	0.31
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	20	0.31
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	20	0.31
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	20	0.31
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	20	0.31
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	20	0.31
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	20	0.31
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	20	0.31
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	20	0.31
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	20	0.31
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	20	0.31
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	20	0.31
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	20	0.31
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	20	0.31
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	20	0.31
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	20	0.31
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	20	0.31
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	20	0.31
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	20	0.31
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	20	0.31
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	12	0.31
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	12	0.31
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	12	0.31
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	12	0.31
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	12	0.31
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	12	0.31
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	12	0.31
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	12	0.31
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	12	0.31
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	12	0.31
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	12	0.31
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	12	0.31
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	12	0.31
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	12	0.31
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	12	0.31
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	12	0.31
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	12	0.31
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	12	0.31
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	12	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	12	0.31
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	12	0.31
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	12	0.31
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	12	0.31
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	12	0.31
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	12	0.31
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	12	0.31
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	12	0.31
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	12	0.31
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	12	0.31
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	12	0.31
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	12	0.31
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	12	0.31
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	12	0.31
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	12	0.31
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	12	0.31
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	12	0.31
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	12	0.31
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	12	0.31
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	12	0.31
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	12	0.31
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	12	0.31
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	12	0.31
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	12	0.31
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	12	0.31
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	12	0.31
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	12	0.31
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	12	0.31
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	12	0.31
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	12	0.31
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	12	0.31
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	12	0.31
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	12	0.31
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	12	0.31
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	12	0.31
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	10	0.31
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	10	0.31
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	10	0.31
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	10	0.31
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	10	0.31
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	10	0.31
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	10	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	10	0.31
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	10	0.31
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	3	0.31
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	3	0.31
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	3	0.31
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	3	0.31
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	3	0.31
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	3	0.31
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	3	0.31
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	3	0.31
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	3	0.31
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	3	0.31
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	3	0.31
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	3	0.31
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	3	0.31
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	3	0.31
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	3	0.31
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	3	0.31
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	3	0.31
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	3	0.31
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	7	0.31
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	7	0.31
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	7	0.31
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	7	0.31
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	7	0.31
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	7	0.31
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	7	0.31
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	7	0.31
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	7	0.31
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	7	0.31
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	7	0.31
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	7	0.31
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	7	0.31
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	7	0.31
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	7	0.31
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	7	0.31
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	7	0.31
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	7	0.31
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	11	0.31
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	11	0.31
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	11	0.31
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	11	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	11	0.31
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	11	0.31
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	11	0.31
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	11	0.31
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	11	0.31
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	11	0.31
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	11	0.31
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	11	0.31
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	11	0.31
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	11	0.31
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	11	0.31
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	11	0.31
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	11	0.31
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	11	0.31
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	13	0.31
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	13	0.31
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	13	0.31
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	13	0.31
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	13	0.31
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	13	0.31
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	13	0.31
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	13	0.31
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	13	0.31
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	13	0.31
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	13	0.31
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	13	0.31
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	13	0.31
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	13	0.31
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	13	0.31
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	13	0.31
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	13	0.31
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	13	0.31
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	14	0.31
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	14	0.31
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	14	0.31
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	14	0.31
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	14	0.31
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	14	0.31
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	14	0.31
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	14	0.31
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	14	0.31
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	14	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	14	0.31
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	14	0.31
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	14	0.31
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	14	0.31
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	14	0.31
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	14	0.31
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	14	0.31
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	14	0.31
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	16	0.31
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	16	0.31
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	16	0.31
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	16	0.31
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	16	0.31
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	16	0.31
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	16	0.31
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	16	0.31
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	16	0.31
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	16	0.31
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	16	0.31
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	16	0.31
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	16	0.31
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	16	0.31
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	16	0.31
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	16	0.31
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	16	0.31
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	16	0.31
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	7	0.31
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	7	0.31
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	7	0.31
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	7	0.31
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	7	0.31
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	7	0.31
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	7	0.31
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	7	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	7	0.31
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	7	0.31
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	7	0.31
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	7	0.31
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	7	0.31
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	7	0.31
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	7	0.31
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	7	0.31
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	7	0.31
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	7	0.31
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	7	0.31
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	7	0.31
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	7	0.31
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	7	0.31
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	7	0.31
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	7	0.31
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	7	0.31
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	7	0.31
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	7	0.31
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	7	0.31
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	7	0.31
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	7	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	7	0.31
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	7	0.31
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	7	0.31
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	7	0.31
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	2	0.31
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	2	0.31
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	2	0.31
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	2	0.31
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	2	0.31
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	2	0.31
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	2	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	2	0.31
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	2	0.31
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	2	0.31
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	2	0.31
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	2	0.31
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	2	0.31
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	2	0.31
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	2	0.31
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	2	0.31
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	2	0.31
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	2	0.31
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	2	0.31
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	2	0.31
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	2	0.31
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	2	0.31
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	2	0.31
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	2	0.31
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	2	0.31
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	2	0.31
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	2	0.31
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	2	0.31
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	2	0.31
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	2	0.31
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	2	0.31
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	2	0.31
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	2	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	2	0.31
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	2	0.31
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	2	0.31
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	2	0.31
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	2	0.31
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	2	0.31
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	2	0.31
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	2	0.31
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	2	0.31
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	2	0.31
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	2	0.31
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	2	0.31
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	2	0.31
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	2	0.31
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	2	0.31
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	2	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	2	0.31
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	2	0.31
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	2	0.31
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	2	0.31
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	2	0.31
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	2	0.31
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	2	0.31
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	2	0.31
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	2	0.31
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	2	0.31
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	2	0.31
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	2	0.31
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	2	0.31
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	2	0.31
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	2	0.31
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	2	0.31
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	9	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	9	0.31
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	9	0.31
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	9	0.31
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	9	0.31
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	9	0.31
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	9	0.31
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	9	0.31
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	9	0.31
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	9	0.31
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	9	0.31
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	9	0.31
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	9	0.31
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	9	0.31
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	9	0.31
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	9	0.31
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	9	0.31
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	9	0.31
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	9	0.31
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	9	0.31
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	9	0.31
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	9	0.31
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	9	0.31
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	9	0.31
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	9	0.31
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	9	0.31
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	9	0.31
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	5	0.31
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	5	0.31
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	5	0.31
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	5	0.31
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	5	0.31
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	5	0.31
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	5	0.31
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	5	0.31
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	5	0.31
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	5	0.31
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	5	0.31
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	5	0.31
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	5	0.31
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	5	0.31
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	5	0.31
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	5	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	5	0.31
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	5	0.31
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	5	0.31
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	5	0.31
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	5	0.31
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	5	0.31
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	5	0.31
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	5	0.31
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	5	0.31
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	5	0.31
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	5	0.31
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	5	0.31
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	5	0.31
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	5	0.31
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	5	0.31
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	5	0.31
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	5	0.31
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	5	0.31
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	5	0.31
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	5	0.31
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	5	0.31
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	5	0.31
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	5	0.31
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	5	0.31
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	5	0.31
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	5	0.31
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	5	0.31
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	5	0.31
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	5	0.31
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	5	0.31
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	5	0.31
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	5	0.31
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	5	0.31
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	5	0.31
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	5	0.31
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	5	0.31
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	5	0.31
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	5	0.31
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	16	0.31
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	16	0.31
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	16	0.31
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	16	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	16	0.31
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	16	0.31
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	16	0.31
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	16	0.31
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	16	0.31
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	16	0.31
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	16	0.31
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	16	0.31
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	16	0.31
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	16	0.31
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	16	0.31
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	16	0.31
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	16	0.31
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	16	0.31
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	16	0.31
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	16	0.31
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	16	0.31
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	16	0.31
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	16	0.31
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	16	0.31
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	16	0.31
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	16	0.31
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	16	0.31
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	2	0.31
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	2	0.31
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	2	0.31
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	2	0.31
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	2	0.31
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	2	0.31
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	2	0.31
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	2	0.31
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	2	0.31
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	2	0.31
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	2	0.31
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	2	0.31
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	2	0.31
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	2	0.31
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	2	0.31
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	2	0.31
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	2	0.31
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	2	0.31
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	2	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	2	0.31
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	2	0.31
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	2	0.31
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	2	0.31
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	2	0.31
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	2	0.31
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	2	0.31
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	2	0.31
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	20	0.31
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	20	0.31
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	20	0.31
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	20	0.31
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	20	0.31
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	20	0.31
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	20	0.31
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	20	0.31
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	20	0.31
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	20	0.31
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	20	0.31
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	20	0.31
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	20	0.31
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	20	0.31
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	20	0.31
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	20	0.31
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	20	0.31
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	20	0.31
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	20	0.31
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	20	0.31
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	20	0.31
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	20	0.31
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	20	0.31
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	20	0.31
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	20	0.31
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	20	0.31
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	20	0.31
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	18	0.31
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	18	0.31
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	18	0.31
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	18	0.31
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	18	0.31
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	18	0.31
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	18	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	18	0.31
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	18	0.31
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	18	0.31
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	18	0.31
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	18	0.31
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	18	0.31
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	18	0.31
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	18	0.31
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	18	0.31
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	18	0.31
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	18	0.31
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	18	0.31
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	18	0.31
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	18	0.31
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	18	0.31
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	18	0.31
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	18	0.31
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	18	0.31
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	18	0.31
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	18	0.31
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	10	0.31
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	10	0.31
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	10	0.31
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	10	0.31
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	10	0.31
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	10	0.31
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	10	0.31
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	10	0.31
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	10	0.31
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	10	0.31
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	10	0.31
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	10	0.31
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	10	0.31
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	10	0.31
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	10	0.31
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	10	0.31
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	10	0.31
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	10	0.31
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	20	0.31
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	20	0.31
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	20	0.31
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	20	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	20	0.31
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	20	0.31
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	20	0.31
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	20	0.31
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	20	0.31
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	20	0.31
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	20	0.31
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	20	0.31
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	20	0.31
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	20	0.31
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	20	0.31
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	20	0.31
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	20	0.31
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	20	0.31
(1,158)	1:A:3:PHE:HB2	1:A:4:GLY:H	5	0.31
(1,158)	1:A:3:PHE:HB2	1:B:4:GLY:H	5	0.31
(1,158)	1:A:3:PHE:HB2	1:C:4:GLY:H	5	0.31
(1,158)	1:A:3:PHE:HB3	1:A:4:GLY:H	5	0.31
(1,158)	1:A:3:PHE:HB3	1:B:4:GLY:H	5	0.31
(1,158)	1:A:3:PHE:HB3	1:C:4:GLY:H	5	0.31
(1,158)	1:B:3:PHE:HB2	1:A:4:GLY:H	5	0.31
(1,158)	1:B:3:PHE:HB2	1:B:4:GLY:H	5	0.31
(1,158)	1:B:3:PHE:HB2	1:C:4:GLY:H	5	0.31
(1,158)	1:B:3:PHE:HB3	1:A:4:GLY:H	5	0.31
(1,158)	1:B:3:PHE:HB3	1:B:4:GLY:H	5	0.31
(1,158)	1:B:3:PHE:HB3	1:C:4:GLY:H	5	0.31
(1,158)	1:C:3:PHE:HB2	1:A:4:GLY:H	5	0.31
(1,158)	1:C:3:PHE:HB2	1:B:4:GLY:H	5	0.31
(1,158)	1:C:3:PHE:HB2	1:C:4:GLY:H	5	0.31
(1,158)	1:C:3:PHE:HB3	1:A:4:GLY:H	5	0.31
(1,158)	1:C:3:PHE:HB3	1:B:4:GLY:H	5	0.31
(1,158)	1:C:3:PHE:HB3	1:C:4:GLY:H	5	0.31
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	1	0.31
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	1	0.31
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	1	0.31
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	1	0.31
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	1	0.31
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	1	0.31
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	1	0.31
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	1	0.31
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	1	0.31
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	11	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	11	0.31
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	11	0.31
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	11	0.31
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	11	0.31
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	11	0.31
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	11	0.31
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	11	0.31
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	11	0.31
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	3	0.31
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	3	0.31
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	3	0.31
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	3	0.31
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	3	0.31
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	3	0.31
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	3	0.31
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	3	0.31
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	3	0.31
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	12	0.31
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	12	0.31
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	12	0.31
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	12	0.31
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	12	0.31
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	12	0.31
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	12	0.31
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	12	0.31
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	12	0.31
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	16	0.31
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	16	0.31
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	16	0.31
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	16	0.31
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	16	0.31
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	16	0.31
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	16	0.31
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	16	0.31
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	16	0.31
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	14	0.3
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	14	0.3
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	14	0.3
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	14	0.3
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	14	0.3
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	14	0.3
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	14	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	14	0.3
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	14	0.3
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	14	0.3
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	14	0.3
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	14	0.3
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	14	0.3
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	14	0.3
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	14	0.3
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	14	0.3
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	14	0.3
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	14	0.3
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	16	0.3
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	16	0.3
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	16	0.3
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	16	0.3
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	16	0.3
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	16	0.3
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	16	0.3
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	16	0.3
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	16	0.3
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	16	0.3
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	16	0.3
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	16	0.3
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	16	0.3
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	16	0.3
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	16	0.3
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	16	0.3
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	16	0.3
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	16	0.3
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	4	0.3
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	4	0.3
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	4	0.3
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	4	0.3
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	4	0.3
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	4	0.3
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	4	0.3
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	4	0.3
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	4	0.3
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	6	0.3
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	6	0.3
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	6	0.3
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	6	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	6	0.3
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	6	0.3
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	6	0.3
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	6	0.3
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	6	0.3
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	3	0.3
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	3	0.3
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	3	0.3
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	3	0.3
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	3	0.3
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	3	0.3
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	3	0.3
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	3	0.3
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	3	0.3
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	3	0.3
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	3	0.3
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	3	0.3
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	3	0.3
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	3	0.3
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	3	0.3
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	3	0.3
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	3	0.3
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	3	0.3
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	3	0.3
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	3	0.3
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	3	0.3
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	3	0.3
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	3	0.3
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	3	0.3
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	3	0.3
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	3	0.3
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	3	0.3
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	3	0.3
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	3	0.3
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	3	0.3
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	7	0.3
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	7	0.3
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	7	0.3
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	7	0.3
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	7	0.3
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	7	0.3
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	7	0.3
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	7	0.3
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	7	0.3
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	7	0.3
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	7	0.3
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	7	0.3
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	7	0.3
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	7	0.3
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	7	0.3
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	7	0.3
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	7	0.3
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	7	0.3
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	7	0.3
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	7	0.3
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	7	0.3
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	7	0.3
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	7	0.3
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	7	0.3
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	7	0.3
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	7	0.3
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	7	0.3
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	7	0.3
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	7	0.3
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	7	0.3
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	7	0.3
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	7	0.3
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	7	0.3
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	7	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	7	0.3
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	7	0.3
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	7	0.3
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	7	0.3
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	7	0.3
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	7	0.3
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	7	0.3
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	7	0.3
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	7	0.3
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	7	0.3
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	7	0.3
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	7	0.3
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	7	0.3
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	7	0.3
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	7	0.3
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	7	0.3
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	7	0.3
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	7	0.3
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	7	0.3
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	7	0.3
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	17	0.3
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	17	0.3
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	17	0.3
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	17	0.3
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	17	0.3
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	17	0.3
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	17	0.3
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	17	0.3
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	17	0.3
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	17	0.3
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	17	0.3
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	17	0.3
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	17	0.3
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	17	0.3
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	17	0.3
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	17	0.3
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	17	0.3
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	17	0.3
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	17	0.3
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	17	0.3
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	17	0.3
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	17	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	17	0.3
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	17	0.3
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	17	0.3
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	17	0.3
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	17	0.3
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	17	0.3
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	17	0.3
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	17	0.3
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	17	0.3
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	17	0.3
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	17	0.3
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	17	0.3
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	17	0.3
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	17	0.3
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	17	0.3
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	17	0.3
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	17	0.3
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	17	0.3
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	17	0.3
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	17	0.3
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	17	0.3
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	17	0.3
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	17	0.3
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	17	0.3
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	17	0.3
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	17	0.3
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	17	0.3
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	17	0.3
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	17	0.3
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	17	0.3
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	17	0.3
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	17	0.3
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	10	0.3
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	10	0.3
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	10	0.3
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	10	0.3
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	10	0.3
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	10	0.3
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	10	0.3
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	10	0.3
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	10	0.3
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	10	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	10	0.3
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	10	0.3
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	10	0.3
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	10	0.3
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	10	0.3
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	10	0.3
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	10	0.3
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	10	0.3
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	17	0.3
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	17	0.3
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	17	0.3
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	17	0.3
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	17	0.3
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	17	0.3
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	17	0.3
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	17	0.3
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	17	0.3
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	17	0.3
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	17	0.3
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	17	0.3
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	17	0.3
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	17	0.3
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	17	0.3
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	17	0.3
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	17	0.3
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	17	0.3
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	18	0.3
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	18	0.3
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	18	0.3
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	18	0.3
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	18	0.3
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	18	0.3
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	18	0.3
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	18	0.3
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	18	0.3
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	18	0.3
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	18	0.3
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	18	0.3
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	18	0.3
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	18	0.3
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	18	0.3
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	18	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	18	0.3
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	18	0.3
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	9	0.3
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	9	0.3
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	9	0.3
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	9	0.3
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	9	0.3
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	9	0.3
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	9	0.3
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	9	0.3
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	9	0.3
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	9	0.3
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	9	0.3
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	9	0.3
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	9	0.3
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	9	0.3
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	9	0.3
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	9	0.3
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	9	0.3
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	9	0.3
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	6	0.3
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	6	0.3
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	6	0.3
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	6	0.3
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	6	0.3
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	6	0.3
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	6	0.3
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	6	0.3
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	6	0.3
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	6	0.3
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	6	0.3
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	6	0.3
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	6	0.3
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	6	0.3
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	6	0.3
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	6	0.3
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	6	0.3
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	6	0.3
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	6	0.3
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	6	0.3
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	6	0.3
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	6	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	6	0.3
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	6	0.3
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	6	0.3
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	6	0.3
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	6	0.3
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	6	0.3
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	6	0.3
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	6	0.3
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	6	0.3
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	6	0.3
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	6	0.3
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	6	0.3
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	6	0.3
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	6	0.3
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	6	0.3
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	6	0.3
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	6	0.3
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	6	0.3
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	6	0.3
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	6	0.3
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	6	0.3
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	6	0.3
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	6	0.3
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	6	0.3
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	6	0.3
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	6	0.3
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	6	0.3
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	6	0.3
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	6	0.3
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	6	0.3
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	6	0.3
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	6	0.3
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	3	0.3
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	3	0.3
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	3	0.3
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	3	0.3
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	3	0.3
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	3	0.3
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	3	0.3
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	3	0.3
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	3	0.3
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	3	0.3
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	3	0.3
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	3	0.3
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	3	0.3
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	3	0.3
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	3	0.3
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	3	0.3
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	3	0.3
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	3	0.3
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	3	0.3
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	3	0.3
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	3	0.3
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	3	0.3
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	3	0.3
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	3	0.3
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	3	0.3
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	3	0.3
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	20	0.3
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	20	0.3
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	20	0.3
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	20	0.3
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	20	0.3
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	20	0.3
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	20	0.3
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	20	0.3
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	20	0.3
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	20	0.3
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	20	0.3
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	20	0.3
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	20	0.3
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	20	0.3
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	20	0.3
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	20	0.3
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	20	0.3
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	20	0.3
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	20	0.3
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	20	0.3
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	20	0.3
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	20	0.3
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	20	0.3
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	20	0.3
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	20	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	20	0.3
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	20	0.3
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	20	0.3
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	20	0.3
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	20	0.3
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	20	0.3
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	20	0.3
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	20	0.3
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	20	0.3
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	20	0.3
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	20	0.3
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	20	0.3
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	20	0.3
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	20	0.3
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	20	0.3
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	20	0.3
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	20	0.3
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	20	0.3
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	20	0.3
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	20	0.3
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	20	0.3
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	20	0.3
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	20	0.3
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	20	0.3
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	20	0.3
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	20	0.3
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	20	0.3
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	20	0.3
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	20	0.3
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	2	0.3
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	2	0.3
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	2	0.3
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	2	0.3
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	2	0.3
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	2	0.3
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	2	0.3
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	2	0.3
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	2	0.3
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	2	0.3
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	2	0.3
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	2	0.3
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	2	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	2	0.3
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	2	0.3
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	2	0.3
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	2	0.3
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	2	0.3
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	2	0.3
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	2	0.3
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	2	0.3
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	2	0.3
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	2	0.3
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	2	0.3
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	2	0.3
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	2	0.3
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	2	0.3
(1,220)	1:A:18:ILE:HB	1:A:15:THR:HA	11	0.3
(1,220)	1:A:18:ILE:HB	1:B:15:THR:HA	11	0.3
(1,220)	1:A:18:ILE:HB	1:C:15:THR:HA	11	0.3
(1,220)	1:B:18:ILE:HB	1:A:15:THR:HA	11	0.3
(1,220)	1:B:18:ILE:HB	1:B:15:THR:HA	11	0.3
(1,220)	1:B:18:ILE:HB	1:C:15:THR:HA	11	0.3
(1,220)	1:C:18:ILE:HB	1:A:15:THR:HA	11	0.3
(1,220)	1:C:18:ILE:HB	1:B:15:THR:HA	11	0.3
(1,220)	1:C:18:ILE:HB	1:C:15:THR:HA	11	0.3
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	16	0.3
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	16	0.3
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	16	0.3
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	16	0.3
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	16	0.3
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	16	0.3
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	16	0.3
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	16	0.3
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	16	0.3
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	16	0.3
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	16	0.3
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	16	0.3
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	16	0.3
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	16	0.3
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	16	0.3
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	16	0.3
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	16	0.3
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	16	0.3
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	15	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	15	0.3
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	15	0.3
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	15	0.3
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	15	0.3
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	15	0.3
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	15	0.3
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	15	0.3
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	15	0.3
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	19	0.3
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	19	0.3
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	19	0.3
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	19	0.3
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	19	0.3
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	19	0.3
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	19	0.3
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	19	0.3
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	19	0.3
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	3	0.3
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	3	0.3
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	3	0.3
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	3	0.3
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	3	0.3
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	3	0.3
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	3	0.3
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	3	0.3
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	3	0.3
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	3	0.3
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	3	0.3
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	3	0.3
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	3	0.3
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	3	0.3
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	3	0.3
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	3	0.3
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	3	0.3
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	3	0.3
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	3	0.3
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	3	0.3
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	3	0.3
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	3	0.3
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	3	0.3
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	3	0.3
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	3	0.3
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	3	0.3
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	11	0.3
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	11	0.3
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	11	0.3
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	11	0.3
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	11	0.3
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	11	0.3
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	11	0.3
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	11	0.3
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	11	0.3
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	11	0.3
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	11	0.3
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	11	0.3
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	11	0.3
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	11	0.3
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	11	0.3
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	11	0.3
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	11	0.3
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	11	0.3
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	11	0.3
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	11	0.3
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	11	0.3
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	11	0.3
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	11	0.3
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	11	0.3
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	11	0.3
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	11	0.3
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	11	0.3
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	20	0.3
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	20	0.3
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	20	0.3
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	20	0.3
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	20	0.3
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	20	0.3
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	20	0.3
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	20	0.3
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	20	0.3
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	20	0.3
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	20	0.3
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	20	0.3
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	20	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	20	0.3
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	20	0.3
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	20	0.3
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	20	0.3
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	20	0.3
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	20	0.3
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	20	0.3
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	20	0.3
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	20	0.3
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	20	0.3
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	20	0.3
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	20	0.3
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	20	0.3
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	20	0.3
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	11	0.3
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	11	0.3
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	11	0.3
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	11	0.3
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	11	0.3
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	11	0.3
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	11	0.3
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	11	0.3
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	11	0.3
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	12	0.3
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	12	0.3
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	12	0.3
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	12	0.3
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	12	0.3
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	12	0.3
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	12	0.3
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	12	0.3
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	12	0.3
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	19	0.3
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	19	0.3
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	19	0.3
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	19	0.3
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	19	0.3
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	19	0.3
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	19	0.3
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	19	0.3
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	19	0.3
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	6	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	6	0.3
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	6	0.3
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	6	0.3
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	6	0.3
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	6	0.3
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	6	0.3
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	6	0.3
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	6	0.3
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	7	0.3
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	7	0.3
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	7	0.3
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	7	0.3
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	7	0.3
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	7	0.3
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	7	0.3
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	7	0.3
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	7	0.3
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	14	0.3
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	14	0.3
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	14	0.3
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	14	0.3
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	14	0.3
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	14	0.3
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	14	0.3
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	14	0.3
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	14	0.3
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	14	0.3
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	14	0.3
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	14	0.3
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	14	0.3
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	14	0.3
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	14	0.3
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	14	0.3
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	14	0.3
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	14	0.3
(1,138)	1:A:13:GLY:HA3	1:A:14:TRP:H	17	0.3
(1,138)	1:A:13:GLY:HA3	1:B:14:TRP:H	17	0.3
(1,138)	1:A:13:GLY:HA3	1:C:14:TRP:H	17	0.3
(1,138)	1:B:13:GLY:HA3	1:A:14:TRP:H	17	0.3
(1,138)	1:B:13:GLY:HA3	1:B:14:TRP:H	17	0.3
(1,138)	1:B:13:GLY:HA3	1:C:14:TRP:H	17	0.3
(1,138)	1:C:13:GLY:HA3	1:A:14:TRP:H	17	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,138)	1:C:13:GLY:HA3	1:B:14:TRP:H	17	0.3
(1,138)	1:C:13:GLY:HA3	1:C:14:TRP:H	17	0.3
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG21	8	0.29
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG22	8	0.29
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG23	8	0.29
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG21	8	0.29
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG22	8	0.29
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG23	8	0.29
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG21	8	0.29
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG22	8	0.29
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG23	8	0.29
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG21	8	0.29
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG22	8	0.29
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG23	8	0.29
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG21	8	0.29
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG22	8	0.29
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG23	8	0.29
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG21	8	0.29
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG22	8	0.29
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG23	8	0.29
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG21	8	0.29
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG22	8	0.29
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG23	8	0.29
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG21	8	0.29
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG22	8	0.29
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG23	8	0.29
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG21	8	0.29
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG22	8	0.29
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG23	8	0.29
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	15	0.29
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	15	0.29
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	15	0.29
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	15	0.29
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	15	0.29
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	15	0.29
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	15	0.29
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	15	0.29
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	15	0.29
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	18	0.29
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	18	0.29
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	18	0.29
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	18	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	18	0.29
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	18	0.29
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	18	0.29
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	18	0.29
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	18	0.29
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	18	0.29
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	18	0.29
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	18	0.29
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	18	0.29
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	18	0.29
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	18	0.29
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	18	0.29
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	18	0.29
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	1	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	1	0.29
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	1	0.29
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	1	0.29
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	1	0.29
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	1	0.29
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	1	0.29
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	1	0.29
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	1	0.29
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	1	0.29
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	1	0.29
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	1	0.29
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	1	0.29
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	1	0.29
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	1	0.29
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	1	0.29
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	1	0.29
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	1	0.29
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	1	0.29
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	1	0.29
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	1	0.29
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	1	0.29
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	1	0.29
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	1	0.29
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	1	0.29
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	1	0.29
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	1	0.29
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	1	0.29
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	1	0.29
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	1	0.29
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	1	0.29
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	1	0.29
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	1	0.29
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	1	0.29
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	1	0.29
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	1	0.29
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	1	0.29
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	1	0.29
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	1	0.29
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	1	0.29
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	1	0.29
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	1	0.29
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	1	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	1	0.29
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	1	0.29
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	1	0.29
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	1	0.29
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	1	0.29
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	1	0.29
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	1	0.29
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	1	0.29
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	1	0.29
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	1	0.29
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	1	0.29
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	10	0.29
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	10	0.29
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	10	0.29
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	10	0.29
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	10	0.29
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	10	0.29
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	10	0.29
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	10	0.29
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	10	0.29
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	10	0.29
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	10	0.29
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	10	0.29
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	10	0.29
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	10	0.29
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	10	0.29
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	10	0.29
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	10	0.29
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	10	0.29
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	10	0.29
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	10	0.29
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	10	0.29
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	10	0.29
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	10	0.29
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	10	0.29
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	10	0.29
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	10	0.29
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	10	0.29
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	10	0.29
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	10	0.29
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	10	0.29
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	10	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	10	0.29
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	10	0.29
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	10	0.29
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	10	0.29
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	10	0.29
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	10	0.29
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	10	0.29
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	10	0.29
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	10	0.29
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	10	0.29
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	10	0.29
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	10	0.29
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	10	0.29
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	10	0.29
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	10	0.29
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	10	0.29
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	10	0.29
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	10	0.29
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	10	0.29
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	10	0.29
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	10	0.29
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	10	0.29
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	10	0.29
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	6	0.29
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	6	0.29
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	6	0.29
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	6	0.29
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	6	0.29
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	6	0.29
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	6	0.29
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	6	0.29
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	6	0.29
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	6	0.29
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	6	0.29
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	6	0.29
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	6	0.29
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	6	0.29
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	6	0.29
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	6	0.29
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	6	0.29
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	6	0.29
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	20	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	20	0.29
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	20	0.29
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	20	0.29
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	20	0.29
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	20	0.29
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	20	0.29
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	20	0.29
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	20	0.29
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	20	0.29
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	20	0.29
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	20	0.29
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	20	0.29
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	20	0.29
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	20	0.29
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	20	0.29
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	20	0.29
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	20	0.29
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	4	0.29
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	4	0.29
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	4	0.29
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	4	0.29
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	4	0.29
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	4	0.29
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	4	0.29
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	4	0.29
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	4	0.29
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	4	0.29
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	4	0.29
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	4	0.29
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	4	0.29
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	4	0.29
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	4	0.29
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	4	0.29
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	4	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	4	0.29
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	4	0.29
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	4	0.29
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	4	0.29
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	4	0.29
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	4	0.29
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	4	0.29
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	4	0.29
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	4	0.29
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	4	0.29
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	4	0.29
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	4	0.29
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	4	0.29
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	4	0.29
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	4	0.29
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	4	0.29
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	4	0.29
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	4	0.29
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	4	0.29
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	4	0.29
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	4	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	4	0.29
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	4	0.29
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	4	0.29
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	4	0.29
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	4	0.29
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	4	0.29
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	4	0.29
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	4	0.29
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	4	0.29
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	4	0.29
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	4	0.29
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	4	0.29
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	4	0.29
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	4	0.29
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	4	0.29
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	4	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	4	0.29
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	4	0.29
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	4	0.29
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	4	0.29
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	4	0.29
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	4	0.29
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	4	0.29
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	4	0.29
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	4	0.29
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	4	0.29
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	4	0.29
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	4	0.29
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	4	0.29
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	4	0.29
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	4	0.29
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	4	0.29
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	4	0.29
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	4	0.29
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	4	0.29
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	4	0.29
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	4	0.29
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	4	0.29
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	4	0.29
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	4	0.29
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	4	0.29
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	4	0.29
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	4	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	4	0.29
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	4	0.29
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	4	0.29
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	4	0.29
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	4	0.29
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	4	0.29
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	4	0.29
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	4	0.29
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	4	0.29
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	4	0.29
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	4	0.29
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	4	0.29
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	4	0.29
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	4	0.29
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	4	0.29
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	17	0.29
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	17	0.29
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	17	0.29
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	17	0.29
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	17	0.29
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	17	0.29
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	17	0.29
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	17	0.29
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	17	0.29
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	17	0.29
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	17	0.29
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	17	0.29
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	17	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	17	0.29
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	17	0.29
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	17	0.29
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	17	0.29
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	17	0.29
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	3	0.29
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	3	0.29
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	3	0.29
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	3	0.29
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	3	0.29
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	3	0.29
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	3	0.29
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	3	0.29
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	3	0.29
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	3	0.29
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	3	0.29
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	3	0.29
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	3	0.29
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	3	0.29
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	3	0.29
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	3	0.29
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	3	0.29
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	3	0.29
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	3	0.29
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	3	0.29
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	3	0.29
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	3	0.29
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	3	0.29
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	3	0.29
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	3	0.29
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	3	0.29
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	3	0.29
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	3	0.29
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	3	0.29
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	3	0.29
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	3	0.29
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	3	0.29
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	3	0.29
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	3	0.29
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	3	0.29
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	3	0.29
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	3	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	3	0.29
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	3	0.29
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	3	0.29
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	3	0.29
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	3	0.29
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	3	0.29
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	3	0.29
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	3	0.29
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	3	0.29
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	3	0.29
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	3	0.29
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	3	0.29
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	3	0.29
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	3	0.29
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	3	0.29
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	3	0.29
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	3	0.29
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD11	3	0.29
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD12	3	0.29
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD13	3	0.29
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD11	3	0.29
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD12	3	0.29
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD13	3	0.29
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD11	3	0.29
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD12	3	0.29
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD13	3	0.29
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD11	3	0.29
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD12	3	0.29
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD13	3	0.29
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD11	3	0.29
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD12	3	0.29
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD13	3	0.29
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD11	3	0.29
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD12	3	0.29
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD13	3	0.29
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD11	3	0.29
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD12	3	0.29
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD13	3	0.29
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD11	3	0.29
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD12	3	0.29
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD13	3	0.29
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD11	3	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD12	3	0.29
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD13	3	0.29
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD11	11	0.29
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD12	11	0.29
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD13	11	0.29
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD11	11	0.29
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD12	11	0.29
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD13	11	0.29
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD11	11	0.29
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD12	11	0.29
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD13	11	0.29
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD11	11	0.29
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD12	11	0.29
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD13	11	0.29
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD11	11	0.29
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD12	11	0.29
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD13	11	0.29
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD11	11	0.29
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD12	11	0.29
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD13	11	0.29
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD11	11	0.29
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD12	11	0.29
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD13	11	0.29
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD11	11	0.29
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD12	11	0.29
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD13	11	0.29
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD11	11	0.29
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD12	11	0.29
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD13	11	0.29
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	7	0.29
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	7	0.29
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	7	0.29
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	7	0.29
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	7	0.29
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	7	0.29
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	7	0.29
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	7	0.29
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	7	0.29
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	7	0.29
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	7	0.29
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	7	0.29
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	7	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	7	0.29
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	7	0.29
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	7	0.29
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	7	0.29
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	7	0.29
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	7	0.29
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	7	0.29
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	7	0.29
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	7	0.29
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	7	0.29
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	7	0.29
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	7	0.29
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	7	0.29
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	7	0.29
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	10	0.29
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	10	0.29
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	10	0.29
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	10	0.29
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	10	0.29
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	10	0.29
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	10	0.29
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	10	0.29
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	10	0.29
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	10	0.29
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	10	0.29
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	10	0.29
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	10	0.29
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	10	0.29
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	10	0.29
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	10	0.29
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	10	0.29
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	10	0.29
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	10	0.29
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	10	0.29
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	10	0.29
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	10	0.29
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	10	0.29
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	10	0.29
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	10	0.29
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	10	0.29
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	10	0.29
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	19	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	19	0.29
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	19	0.29
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	19	0.29
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	19	0.29
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	19	0.29
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	19	0.29
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	19	0.29
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	19	0.29
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	19	0.29
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	19	0.29
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	19	0.29
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	19	0.29
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	19	0.29
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	19	0.29
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	19	0.29
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	19	0.29
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	19	0.29
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	19	0.29
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	19	0.29
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	19	0.29
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	19	0.29
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	19	0.29
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	19	0.29
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	19	0.29
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	19	0.29
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	19	0.29
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	4	0.29
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	4	0.29
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	4	0.29
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	4	0.29
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	4	0.29
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	4	0.29
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	4	0.29
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	4	0.29
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	4	0.29
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	4	0.29
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	4	0.29
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	4	0.29
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	4	0.29
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	4	0.29
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	4	0.29
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	4	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	4	0.29
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	4	0.29
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	4	0.29
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	4	0.29
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	4	0.29
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	4	0.29
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	4	0.29
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	4	0.29
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	4	0.29
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	4	0.29
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	4	0.29
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	15	0.29
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	15	0.29
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	15	0.29
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	15	0.29
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	15	0.29
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	15	0.29
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	15	0.29
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	15	0.29
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	15	0.29
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	16	0.29
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	16	0.29
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	16	0.29
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	16	0.29
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	16	0.29
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	16	0.29
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	16	0.29
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	16	0.29
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	16	0.29
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	8	0.28
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	8	0.28
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	8	0.28
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	8	0.28
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	8	0.28
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	8	0.28
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	8	0.28
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	8	0.28
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	8	0.28
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	8	0.28
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	8	0.28
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	8	0.28
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	8	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	8	0.28
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	8	0.28
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	8	0.28
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	8	0.28
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	8	0.28
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	18	0.28
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	18	0.28
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	18	0.28
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	18	0.28
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	18	0.28
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	18	0.28
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	18	0.28
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	18	0.28
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	18	0.28
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	18	0.28
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	18	0.28
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	18	0.28
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	18	0.28
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	18	0.28
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	18	0.28
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	18	0.28
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	18	0.28
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	18	0.28
(1,92)	1:A:14:TRP:HD1	1:A:15:THR:HB	14	0.28
(1,92)	1:A:14:TRP:HD1	1:B:15:THR:HB	14	0.28
(1,92)	1:A:14:TRP:HD1	1:C:15:THR:HB	14	0.28
(1,92)	1:B:14:TRP:HD1	1:A:15:THR:HB	14	0.28
(1,92)	1:B:14:TRP:HD1	1:B:15:THR:HB	14	0.28
(1,92)	1:B:14:TRP:HD1	1:C:15:THR:HB	14	0.28
(1,92)	1:C:14:TRP:HD1	1:A:15:THR:HB	14	0.28
(1,92)	1:C:14:TRP:HD1	1:B:15:THR:HB	14	0.28
(1,92)	1:C:14:TRP:HD1	1:C:15:THR:HB	14	0.28
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	5	0.28
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	5	0.28
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	5	0.28
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	5	0.28
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	5	0.28
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	5	0.28
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	5	0.28
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	5	0.28
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	5	0.28
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	11	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	11	0.28
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	11	0.28
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	11	0.28
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	11	0.28
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	11	0.28
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	11	0.28
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	11	0.28
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	11	0.28
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	12	0.28
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	12	0.28
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	12	0.28
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	12	0.28
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	12	0.28
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	12	0.28
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	12	0.28
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	12	0.28
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	12	0.28
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	15	0.28
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	15	0.28
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	15	0.28
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	15	0.28
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	15	0.28
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	15	0.28
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	15	0.28
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	15	0.28
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	15	0.28
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	10	0.28
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	10	0.28
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	10	0.28
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	10	0.28
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	10	0.28
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	10	0.28
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	10	0.28
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	10	0.28
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	10	0.28
(1,38)	1:A:18:ILE:HG12	1:A:18:ILE:HA	20	0.28
(1,38)	1:A:18:ILE:HG12	1:B:18:ILE:HA	20	0.28
(1,38)	1:A:18:ILE:HG12	1:C:18:ILE:HA	20	0.28
(1,38)	1:A:18:ILE:HG13	1:A:18:ILE:HA	20	0.28
(1,38)	1:A:18:ILE:HG13	1:B:18:ILE:HA	20	0.28
(1,38)	1:A:18:ILE:HG13	1:C:18:ILE:HA	20	0.28
(1,38)	1:B:18:ILE:HG12	1:A:18:ILE:HA	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:B:18:ILE:HG12	1:B:18:ILE:HA	20	0.28
(1,38)	1:B:18:ILE:HG12	1:C:18:ILE:HA	20	0.28
(1,38)	1:B:18:ILE:HG13	1:A:18:ILE:HA	20	0.28
(1,38)	1:B:18:ILE:HG13	1:B:18:ILE:HA	20	0.28
(1,38)	1:B:18:ILE:HG13	1:C:18:ILE:HA	20	0.28
(1,38)	1:C:18:ILE:HG12	1:A:18:ILE:HA	20	0.28
(1,38)	1:C:18:ILE:HG12	1:B:18:ILE:HA	20	0.28
(1,38)	1:C:18:ILE:HG12	1:C:18:ILE:HA	20	0.28
(1,38)	1:C:18:ILE:HG13	1:A:18:ILE:HA	20	0.28
(1,38)	1:C:18:ILE:HG13	1:B:18:ILE:HA	20	0.28
(1,38)	1:C:18:ILE:HG13	1:C:18:ILE:HA	20	0.28
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	16	0.28
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	16	0.28
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	16	0.28
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	16	0.28
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	16	0.28
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	16	0.28
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	16	0.28
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	16	0.28
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	16	0.28
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	16	0.28
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	16	0.28
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	16	0.28
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	16	0.28
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	16	0.28
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	16	0.28
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	16	0.28
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	16	0.28
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	16	0.28
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	10	0.28
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	10	0.28
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	10	0.28
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	10	0.28
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	10	0.28
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	10	0.28
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	10	0.28
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	10	0.28
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	10	0.28
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	10	0.28
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	10	0.28
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	10	0.28
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	10	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	10	0.28
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	10	0.28
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	10	0.28
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	10	0.28
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	9	0.28
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	9	0.28
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	9	0.28
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	9	0.28
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	9	0.28
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	9	0.28
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	9	0.28
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	9	0.28
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	9	0.28
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	9	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	9	0.28
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	9	0.28
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	9	0.28
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	9	0.28
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	9	0.28
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	9	0.28
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	9	0.28
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	9	0.28
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	9	0.28
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	9	0.28
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	9	0.28
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	9	0.28
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	9	0.28
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	9	0.28
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	9	0.28
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	9	0.28
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	9	0.28
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	9	0.28
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	9	0.28
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	9	0.28
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	9	0.28
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	9	0.28
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	9	0.28
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	9	0.28
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	9	0.28
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	9	0.28
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	9	0.28
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	9	0.28
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	9	0.28
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	9	0.28
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	9	0.28
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	9	0.28
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	9	0.28
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	9	0.28
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	9	0.28
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	9	0.28
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	9	0.28
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	9	0.28
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	9	0.28
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	9	0.28
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	9	0.28
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	9	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	9	0.28
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	9	0.28
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	9	0.28
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	9	0.28
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	9	0.28
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	9	0.28
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	9	0.28
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	9	0.28
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	9	0.28
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	9	0.28
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	9	0.28
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	9	0.28
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	9	0.28
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	9	0.28
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	9	0.28
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	9	0.28
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	9	0.28
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	9	0.28
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	9	0.28
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	9	0.28
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	9	0.28
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	9	0.28
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	9	0.28
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	9	0.28
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	9	0.28
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	9	0.28
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	9	0.28
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	9	0.28
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	9	0.28
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	9	0.28
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	9	0.28
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	9	0.28
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	9	0.28
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	9	0.28
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	9	0.28
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	9	0.28
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	9	0.28
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	9	0.28
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	9	0.28
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	9	0.28
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	9	0.28
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	9	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	9	0.28
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	9	0.28
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	9	0.28
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	9	0.28
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	9	0.28
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	9	0.28
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	9	0.28
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	9	0.28
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	9	0.28
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	9	0.28
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	9	0.28
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	9	0.28
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	9	0.28
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	9	0.28
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	11	0.28
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	11	0.28
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	11	0.28
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	11	0.28
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	11	0.28
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	11	0.28
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	11	0.28
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	11	0.28
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	11	0.28
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	11	0.28
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	11	0.28
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	11	0.28
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	11	0.28
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	11	0.28
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	11	0.28
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	11	0.28
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	11	0.28
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	11	0.28
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	11	0.28
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	11	0.28
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	11	0.28
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	11	0.28
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	11	0.28
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	11	0.28
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	11	0.28
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	11	0.28
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	11	0.28
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	11	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	11	0.28
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	11	0.28
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	11	0.28
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	11	0.28
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	11	0.28
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	11	0.28
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	11	0.28
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	11	0.28
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	11	0.28
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	11	0.28
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	11	0.28
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	11	0.28
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	11	0.28
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	11	0.28
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	11	0.28
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	11	0.28
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	11	0.28
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	11	0.28
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	11	0.28
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	11	0.28
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	11	0.28
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	11	0.28
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	11	0.28
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	11	0.28
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	11	0.28
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	11	0.28
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	8	0.28
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	8	0.28
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	8	0.28
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	8	0.28
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	8	0.28
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	8	0.28
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	8	0.28
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	8	0.28
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	8	0.28
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	8	0.28
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	8	0.28
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	8	0.28
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	8	0.28
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	8	0.28
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	8	0.28
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	8	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	8	0.28
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	8	0.28
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	18	0.28
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	18	0.28
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	18	0.28
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	18	0.28
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	18	0.28
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	18	0.28
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	18	0.28
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	18	0.28
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	18	0.28
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	4	0.28
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	4	0.28
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	4	0.28
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	4	0.28
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	4	0.28
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	4	0.28
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	4	0.28
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	4	0.28
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	4	0.28
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	4	0.28
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	4	0.28
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	4	0.28
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	4	0.28
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	4	0.28
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	4	0.28
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	4	0.28
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	4	0.28
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	4	0.28
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	4	0.28
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	4	0.28
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	4	0.28
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	4	0.28
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	4	0.28
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	4	0.28
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	4	0.28
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	4	0.28
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	4	0.28
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	8	0.28
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	8	0.28
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	8	0.28
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	8	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	8	0.28
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	8	0.28
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	8	0.28
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	8	0.28
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	8	0.28
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	8	0.28
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	8	0.28
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	8	0.28
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	8	0.28
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	8	0.28
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	8	0.28
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	8	0.28
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	8	0.28
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	8	0.28
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	8	0.28
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	8	0.28
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	8	0.28
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	8	0.28
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	8	0.28
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	8	0.28
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	8	0.28
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	8	0.28
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	8	0.28
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	14	0.28
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	14	0.28
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	14	0.28
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	14	0.28
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	14	0.28
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	14	0.28
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	14	0.28
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	14	0.28
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	14	0.28
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	14	0.28
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	14	0.28
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	14	0.28
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	14	0.28
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	14	0.28
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	14	0.28
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	14	0.28
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	14	0.28
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	14	0.28
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	14	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	14	0.28
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	14	0.28
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	14	0.28
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	14	0.28
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	14	0.28
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	14	0.28
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	14	0.28
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	14	0.28
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	2	0.28
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	2	0.28
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	2	0.28
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	2	0.28
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	2	0.28
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	2	0.28
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	2	0.28
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	2	0.28
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	2	0.28
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	14	0.28
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	14	0.28
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	14	0.28
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	14	0.28
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	14	0.28
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	14	0.28
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	14	0.28
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	14	0.28
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	14	0.28
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	18	0.28
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	18	0.28
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	18	0.28
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	18	0.28
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	18	0.28
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	18	0.28
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	18	0.28
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	18	0.28
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	18	0.28
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	4	0.28
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	4	0.28
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	4	0.28
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	4	0.28
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	4	0.28
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	4	0.28
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	4	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	4	0.28
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	4	0.28
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	5	0.28
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	5	0.28
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	5	0.28
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	5	0.28
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	5	0.28
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	5	0.28
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	5	0.28
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	5	0.28
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	5	0.28
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	20	0.28
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	20	0.28
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	20	0.28
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	20	0.28
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	20	0.28
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	20	0.28
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	20	0.28
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	20	0.28
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	20	0.28
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	20	0.28
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	20	0.28
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	20	0.28
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	20	0.28
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	20	0.28
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	20	0.28
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	20	0.28
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	20	0.28
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	20	0.28
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	1	0.27
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	1	0.27
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	1	0.27
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	1	0.27
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	1	0.27
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	1	0.27
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	1	0.27
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	1	0.27
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	1	0.27
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	1	0.27
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	1	0.27
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	1	0.27
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	1	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	1	0.27
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	1	0.27
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	1	0.27
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	1	0.27
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	1	0.27
(1,92)	1:A:14:TRP:HD1	1:A:15:THR:HB	17	0.27
(1,92)	1:A:14:TRP:HD1	1:B:15:THR:HB	17	0.27
(1,92)	1:A:14:TRP:HD1	1:C:15:THR:HB	17	0.27
(1,92)	1:B:14:TRP:HD1	1:A:15:THR:HB	17	0.27
(1,92)	1:B:14:TRP:HD1	1:B:15:THR:HB	17	0.27
(1,92)	1:B:14:TRP:HD1	1:C:15:THR:HB	17	0.27
(1,92)	1:C:14:TRP:HD1	1:A:15:THR:HB	17	0.27
(1,92)	1:C:14:TRP:HD1	1:B:15:THR:HB	17	0.27
(1,92)	1:C:14:TRP:HD1	1:C:15:THR:HB	17	0.27
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	7	0.27
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	7	0.27
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	7	0.27
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	7	0.27
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	7	0.27
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	7	0.27
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	7	0.27
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	7	0.27
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	7	0.27
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	7	0.27
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	7	0.27
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	7	0.27
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	7	0.27
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	7	0.27
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	7	0.27
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	7	0.27
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	7	0.27
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	7	0.27
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	7	0.27
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	7	0.27
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	7	0.27
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	7	0.27
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	7	0.27
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	7	0.27
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	7	0.27
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	7	0.27
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	7	0.27
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	7	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	7	0.27
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	7	0.27
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	7	0.27
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG2	12	0.27
(1,61)	1:A:17:MET:HE1	1:A:17:MET:HG3	12	0.27
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG2	12	0.27
(1,61)	1:A:17:MET:HE1	1:B:17:MET:HG3	12	0.27
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG2	12	0.27
(1,61)	1:A:17:MET:HE1	1:C:17:MET:HG3	12	0.27
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG2	12	0.27
(1,61)	1:A:17:MET:HE2	1:A:17:MET:HG3	12	0.27
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG2	12	0.27
(1,61)	1:A:17:MET:HE2	1:B:17:MET:HG3	12	0.27
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG2	12	0.27
(1,61)	1:A:17:MET:HE2	1:C:17:MET:HG3	12	0.27
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG2	12	0.27
(1,61)	1:A:17:MET:HE3	1:A:17:MET:HG3	12	0.27
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG2	12	0.27
(1,61)	1:A:17:MET:HE3	1:B:17:MET:HG3	12	0.27
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG2	12	0.27
(1,61)	1:A:17:MET:HE3	1:C:17:MET:HG3	12	0.27
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG2	12	0.27
(1,61)	1:B:17:MET:HE1	1:A:17:MET:HG3	12	0.27
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG2	12	0.27
(1,61)	1:B:17:MET:HE1	1:B:17:MET:HG3	12	0.27
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG2	12	0.27
(1,61)	1:B:17:MET:HE1	1:C:17:MET:HG3	12	0.27
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG2	12	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:B:17:MET:HE2	1:A:17:MET:HG3	12	0.27
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG2	12	0.27
(1,61)	1:B:17:MET:HE2	1:B:17:MET:HG3	12	0.27
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG2	12	0.27
(1,61)	1:B:17:MET:HE2	1:C:17:MET:HG3	12	0.27
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG2	12	0.27
(1,61)	1:B:17:MET:HE3	1:A:17:MET:HG3	12	0.27
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG2	12	0.27
(1,61)	1:B:17:MET:HE3	1:B:17:MET:HG3	12	0.27
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG2	12	0.27
(1,61)	1:B:17:MET:HE3	1:C:17:MET:HG3	12	0.27
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG2	12	0.27
(1,61)	1:C:17:MET:HE1	1:A:17:MET:HG3	12	0.27
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG2	12	0.27
(1,61)	1:C:17:MET:HE1	1:B:17:MET:HG3	12	0.27
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG2	12	0.27
(1,61)	1:C:17:MET:HE1	1:C:17:MET:HG3	12	0.27
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG2	12	0.27
(1,61)	1:C:17:MET:HE2	1:A:17:MET:HG3	12	0.27
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG2	12	0.27
(1,61)	1:C:17:MET:HE2	1:B:17:MET:HG3	12	0.27
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG2	12	0.27
(1,61)	1:C:17:MET:HE2	1:C:17:MET:HG3	12	0.27
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG2	12	0.27
(1,61)	1:C:17:MET:HE3	1:A:17:MET:HG3	12	0.27
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG2	12	0.27
(1,61)	1:C:17:MET:HE3	1:B:17:MET:HG3	12	0.27
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG2	12	0.27
(1,61)	1:C:17:MET:HE3	1:C:17:MET:HG3	12	0.27
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	2	0.27
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	2	0.27
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	2	0.27
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	2	0.27
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	2	0.27
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	2	0.27
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	2	0.27
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	2	0.27
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	2	0.27
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	11	0.27
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	11	0.27
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	11	0.27
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	11	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	11	0.27
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	11	0.27
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	11	0.27
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	11	0.27
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	11	0.27
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	8	0.27
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	8	0.27
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	8	0.27
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	8	0.27
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	8	0.27
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	8	0.27
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	8	0.27
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	8	0.27
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	8	0.27
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	8	0.27
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	8	0.27
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	8	0.27
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	8	0.27
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	8	0.27
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	8	0.27
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	8	0.27
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	8	0.27
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	8	0.27
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	14	0.27
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	14	0.27
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	14	0.27
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	14	0.27
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	14	0.27
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	14	0.27
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	14	0.27
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	14	0.27
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	14	0.27
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	14	0.27
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	14	0.27
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	14	0.27
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	14	0.27
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	14	0.27
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	14	0.27
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	14	0.27
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	14	0.27
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	14	0.27
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	9	0.27
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	9	0.27
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	9	0.27
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	9	0.27
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	9	0.27
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	9	0.27
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	9	0.27
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	9	0.27
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	9	0.27
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	9	0.27
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	9	0.27
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	9	0.27
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	9	0.27
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	9	0.27
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	9	0.27
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	9	0.27
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	9	0.27
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	7	0.27
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	7	0.27
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	7	0.27
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	7	0.27
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	7	0.27
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	7	0.27
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	7	0.27
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	7	0.27
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	7	0.27
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	7	0.27
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	7	0.27
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	7	0.27
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	7	0.27
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	7	0.27
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	7	0.27
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	7	0.27
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	7	0.27
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	7	0.27
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	7	0.27
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	7	0.27
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	7	0.27
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	7	0.27
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	7	0.27
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	7	0.27
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	7	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	7	0.27
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	7	0.27
(1,270)	1:A:14:TRP:HE3	1:A:18:ILE:HG12	9	0.27
(1,270)	1:A:14:TRP:HE3	1:A:18:ILE:HG13	9	0.27
(1,270)	1:A:14:TRP:HE3	1:B:18:ILE:HG12	9	0.27
(1,270)	1:A:14:TRP:HE3	1:B:18:ILE:HG13	9	0.27
(1,270)	1:A:14:TRP:HE3	1:C:18:ILE:HG12	9	0.27
(1,270)	1:A:14:TRP:HE3	1:C:18:ILE:HG13	9	0.27
(1,270)	1:B:14:TRP:HE3	1:A:18:ILE:HG12	9	0.27
(1,270)	1:B:14:TRP:HE3	1:A:18:ILE:HG13	9	0.27
(1,270)	1:B:14:TRP:HE3	1:B:18:ILE:HG12	9	0.27
(1,270)	1:B:14:TRP:HE3	1:B:18:ILE:HG13	9	0.27
(1,270)	1:B:14:TRP:HE3	1:C:18:ILE:HG12	9	0.27
(1,270)	1:B:14:TRP:HE3	1:C:18:ILE:HG13	9	0.27
(1,270)	1:C:14:TRP:HE3	1:A:18:ILE:HG12	9	0.27
(1,270)	1:C:14:TRP:HE3	1:A:18:ILE:HG13	9	0.27
(1,270)	1:C:14:TRP:HE3	1:B:18:ILE:HG12	9	0.27
(1,270)	1:C:14:TRP:HE3	1:B:18:ILE:HG13	9	0.27
(1,270)	1:C:14:TRP:HE3	1:C:18:ILE:HG12	9	0.27
(1,270)	1:C:14:TRP:HE3	1:C:18:ILE:HG13	9	0.27
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	15	0.27
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	15	0.27
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	15	0.27
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	15	0.27
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	15	0.27
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	15	0.27
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	15	0.27
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	15	0.27
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	15	0.27
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	15	0.27
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	15	0.27
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	15	0.27
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	15	0.27
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	15	0.27
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	15	0.27
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	15	0.27
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	15	0.27
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	15	0.27
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	15	0.27
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	15	0.27
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	15	0.27
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	15	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	15	0.27
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	15	0.27
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	15	0.27
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	15	0.27
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	15	0.27
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	18	0.27
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	18	0.27
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	18	0.27
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	18	0.27
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	18	0.27
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	18	0.27
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	18	0.27
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	18	0.27
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	18	0.27
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	18	0.27
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	18	0.27
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	18	0.27
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	18	0.27
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	18	0.27
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	18	0.27
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	18	0.27
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	18	0.27
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	18	0.27
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	18	0.27
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	18	0.27
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	18	0.27
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	18	0.27
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	18	0.27
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	18	0.27
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	18	0.27
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	18	0.27
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	18	0.27
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	7	0.27
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	7	0.27
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	7	0.27
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	7	0.27
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	7	0.27
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	7	0.27
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	7	0.27
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	7	0.27
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	7	0.27
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	7	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	7	0.27
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	7	0.27
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	7	0.27
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	7	0.27
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	7	0.27
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	7	0.27
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	7	0.27
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	7	0.27
(1,186)	1:A:14:TRP:HB2	1:A:15:THR:H	16	0.27
(1,186)	1:A:14:TRP:HB2	1:B:15:THR:H	16	0.27
(1,186)	1:A:14:TRP:HB2	1:C:15:THR:H	16	0.27
(1,186)	1:A:14:TRP:HB3	1:A:15:THR:H	16	0.27
(1,186)	1:A:14:TRP:HB3	1:B:15:THR:H	16	0.27
(1,186)	1:A:14:TRP:HB3	1:C:15:THR:H	16	0.27
(1,186)	1:B:14:TRP:HB2	1:A:15:THR:H	16	0.27
(1,186)	1:B:14:TRP:HB2	1:B:15:THR:H	16	0.27
(1,186)	1:B:14:TRP:HB2	1:C:15:THR:H	16	0.27
(1,186)	1:B:14:TRP:HB3	1:A:15:THR:H	16	0.27
(1,186)	1:B:14:TRP:HB3	1:B:15:THR:H	16	0.27
(1,186)	1:B:14:TRP:HB3	1:C:15:THR:H	16	0.27
(1,186)	1:C:14:TRP:HB2	1:A:15:THR:H	16	0.27
(1,186)	1:C:14:TRP:HB2	1:B:15:THR:H	16	0.27
(1,186)	1:C:14:TRP:HB2	1:C:15:THR:H	16	0.27
(1,186)	1:C:14:TRP:HB3	1:A:15:THR:H	16	0.27
(1,186)	1:C:14:TRP:HB3	1:B:15:THR:H	16	0.27
(1,186)	1:C:14:TRP:HB3	1:C:15:THR:H	16	0.27
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	5	0.27
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	5	0.27
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	5	0.27
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	5	0.27
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	5	0.27
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	5	0.27
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	5	0.27
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	5	0.27
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	5	0.27
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	8	0.27
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	8	0.27
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	8	0.27
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	8	0.27
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	8	0.27
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	8	0.27
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	8	0.27
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	8	0.27
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	9	0.27
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	9	0.27
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	9	0.27
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	9	0.27
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	9	0.27
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	9	0.27
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	9	0.27
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	9	0.27
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	9	0.27
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	9	0.27
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	9	0.27
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	9	0.27
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	9	0.27
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	9	0.27
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	9	0.27
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	9	0.27
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	9	0.27
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	9	0.27
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	19	0.27
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	19	0.27
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	19	0.27
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	19	0.27
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	19	0.27
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	19	0.27
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	19	0.27
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	19	0.27
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	19	0.27
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	6	0.27
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	6	0.27
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	6	0.27
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	6	0.27
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	6	0.27
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	6	0.27
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	6	0.27
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	6	0.27
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	6	0.27
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	6	0.27
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	6	0.27
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	6	0.27
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	6	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	6	0.27
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	6	0.27
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	6	0.27
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	6	0.27
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	6	0.27
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	2	0.26
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	2	0.26
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	2	0.26
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	2	0.26
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	2	0.26
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	2	0.26
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	2	0.26
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	2	0.26
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	2	0.26
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	2	0.26
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	2	0.26
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	2	0.26
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	2	0.26
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	2	0.26
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	2	0.26
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	2	0.26
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	2	0.26
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	2	0.26
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	15	0.26
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	15	0.26
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	15	0.26
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	15	0.26
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	15	0.26
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	15	0.26
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	15	0.26
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	15	0.26
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	15	0.26
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	15	0.26
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	15	0.26
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	15	0.26
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	15	0.26
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	15	0.26
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	15	0.26
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	15	0.26
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	15	0.26
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	15	0.26
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	19	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	19	0.26
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	19	0.26
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	19	0.26
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	19	0.26
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	19	0.26
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	19	0.26
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	19	0.26
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	19	0.26
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	19	0.26
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	19	0.26
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	19	0.26
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	19	0.26
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	19	0.26
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	19	0.26
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	19	0.26
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	19	0.26
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	19	0.26
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	4	0.26
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	4	0.26
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	4	0.26
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	4	0.26
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	4	0.26
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	4	0.26
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	4	0.26
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	4	0.26
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	4	0.26
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	4	0.26
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	4	0.26
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	4	0.26
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	4	0.26
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	4	0.26
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	4	0.26
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	4	0.26
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	4	0.26
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	4	0.26
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	4	0.26
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	4	0.26
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	4	0.26
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	4	0.26
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	4	0.26
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	4	0.26
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	4	0.26
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	4	0.26
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	4	0.26
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	4	0.26
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	4	0.26
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	4	0.26
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	8	0.26
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	8	0.26
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	8	0.26
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	8	0.26
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	8	0.26
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	8	0.26
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	8	0.26
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	8	0.26
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	8	0.26
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	12	0.26
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	12	0.26
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	12	0.26
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	12	0.26
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	12	0.26
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	12	0.26
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	12	0.26
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	12	0.26
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	12	0.26
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	12	0.26
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	12	0.26
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	12	0.26
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	12	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	12	0.26
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	12	0.26
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	12	0.26
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	12	0.26
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	8	0.26
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	8	0.26
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	8	0.26
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	8	0.26
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	8	0.26
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	8	0.26
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	8	0.26
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	8	0.26
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	8	0.26
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	9	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	9	0.26
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	9	0.26
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	9	0.26
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	9	0.26
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	9	0.26
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	9	0.26
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	9	0.26
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	9	0.26
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	19	0.26
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	19	0.26
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	19	0.26
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	19	0.26
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	19	0.26
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	19	0.26
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	19	0.26
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	19	0.26
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	19	0.26
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	12	0.26
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	12	0.26
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	12	0.26
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	12	0.26
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	12	0.26
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	12	0.26
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	12	0.26
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	12	0.26
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	12	0.26
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	12	0.26
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	12	0.26
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	12	0.26
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	12	0.26
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	12	0.26
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	12	0.26
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	12	0.26
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	12	0.26
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	12	0.26
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	12	0.26
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	12	0.26
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	12	0.26
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	12	0.26
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	12	0.26
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	12	0.26
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	12	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	12	0.26
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	12	0.26
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	12	0.26
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	12	0.26
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	12	0.26
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	12	0.26
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	12	0.26
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	12	0.26
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	12	0.26
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	12	0.26
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	12	0.26
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	12	0.26
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	12	0.26
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	12	0.26
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	12	0.26
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	12	0.26
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	12	0.26
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	12	0.26
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	12	0.26
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	12	0.26
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	12	0.26
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	12	0.26
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	12	0.26
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	12	0.26
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	12	0.26
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	12	0.26
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	12	0.26
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	12	0.26
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	12	0.26
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	12	0.26
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	12	0.26
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	12	0.26
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	12	0.26
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	12	0.26
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	12	0.26
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	12	0.26
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	12	0.26
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	12	0.26
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	12	0.26
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	12	0.26
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	12	0.26
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	12	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	12	0.26
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	12	0.26
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	12	0.26
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	12	0.26
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	12	0.26
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	2	0.26
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	2	0.26
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	2	0.26
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	2	0.26
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	2	0.26
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	2	0.26
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	2	0.26
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	2	0.26
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	2	0.26
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	2	0.26
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	2	0.26
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	2	0.26
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	2	0.26
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	2	0.26
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	2	0.26
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	2	0.26
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	2	0.26
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	2	0.26
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	2	0.26
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	2	0.26
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	2	0.26
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	2	0.26
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	2	0.26
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	2	0.26
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	2	0.26
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	2	0.26
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	2	0.26
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	10	0.26
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	10	0.26
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	10	0.26
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	10	0.26
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	10	0.26
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	10	0.26
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	10	0.26
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	10	0.26
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	10	0.26
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	10	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	10	0.26
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	10	0.26
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	10	0.26
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	10	0.26
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	10	0.26
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	10	0.26
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	10	0.26
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	10	0.26
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	10	0.26
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	10	0.26
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	10	0.26
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	10	0.26
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	10	0.26
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	10	0.26
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	10	0.26
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	10	0.26
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	10	0.26
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	19	0.26
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	19	0.26
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	19	0.26
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	19	0.26
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	19	0.26
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	19	0.26
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	19	0.26
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	19	0.26
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	19	0.26
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	19	0.26
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	19	0.26
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	19	0.26
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	19	0.26
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	19	0.26
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	19	0.26
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	19	0.26
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	19	0.26
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	19	0.26
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	19	0.26
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	19	0.26
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	19	0.26
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	19	0.26
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	19	0.26
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	19	0.26
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	19	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	19	0.26
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	19	0.26
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	7	0.26
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	7	0.26
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	7	0.26
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	7	0.26
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	7	0.26
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	7	0.26
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	7	0.26
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	7	0.26
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	7	0.26
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	7	0.26
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	7	0.26
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	7	0.26
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	7	0.26
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	7	0.26
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	7	0.26
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	7	0.26
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	7	0.26
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	7	0.26
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	7	0.26
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	7	0.26
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	7	0.26
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	7	0.26
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	7	0.26
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	7	0.26
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	7	0.26
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	7	0.26
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	7	0.26
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	10	0.26
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	10	0.26
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	10	0.26
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	10	0.26
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	10	0.26
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	10	0.26
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	10	0.26
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	10	0.26
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	10	0.26
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	10	0.26
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	10	0.26
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	10	0.26
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	10	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	10	0.26
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	10	0.26
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	10	0.26
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	10	0.26
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	10	0.26
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	10	0.26
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	10	0.26
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	10	0.26
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	10	0.26
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	10	0.26
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	10	0.26
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	10	0.26
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	10	0.26
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	10	0.26
(1,237)	1:A:14:TRP:HD1	1:A:10:ILE:HA	12	0.26
(1,237)	1:A:14:TRP:HD1	1:B:10:ILE:HA	12	0.26
(1,237)	1:A:14:TRP:HD1	1:C:10:ILE:HA	12	0.26
(1,237)	1:B:14:TRP:HD1	1:A:10:ILE:HA	12	0.26
(1,237)	1:B:14:TRP:HD1	1:B:10:ILE:HA	12	0.26
(1,237)	1:B:14:TRP:HD1	1:C:10:ILE:HA	12	0.26
(1,237)	1:C:14:TRP:HD1	1:A:10:ILE:HA	12	0.26
(1,237)	1:C:14:TRP:HD1	1:B:10:ILE:HA	12	0.26
(1,237)	1:C:14:TRP:HD1	1:C:10:ILE:HA	12	0.26
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	1	0.26
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	1	0.26
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	1	0.26
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	1	0.26
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	1	0.26
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	1	0.26
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	1	0.26
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	1	0.26
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	1	0.26
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	1	0.26
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	1	0.26
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	1	0.26
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	1	0.26
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	1	0.26
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	1	0.26
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	1	0.26
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	1	0.26
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	1	0.26
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	1	0.26
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	1	0.26
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	1	0.26
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	1	0.26
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	1	0.26
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	1	0.26
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	1	0.26
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	1	0.26
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	12	0.26
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	12	0.26
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	12	0.26
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	12	0.26
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	12	0.26
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	12	0.26
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	12	0.26
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	12	0.26
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	12	0.26
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	12	0.26
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	12	0.26
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	12	0.26
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	12	0.26
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	12	0.26
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	12	0.26
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	12	0.26
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	12	0.26
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	12	0.26
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	12	0.26
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	12	0.26
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	12	0.26
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	12	0.26
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	12	0.26
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	12	0.26
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	12	0.26
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	12	0.26
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	12	0.26
(1,217)	1:A:17:MET:HB2	1:A:14:TRP:HA	13	0.26
(1,217)	1:A:17:MET:HB2	1:B:14:TRP:HA	13	0.26
(1,217)	1:A:17:MET:HB2	1:C:14:TRP:HA	13	0.26
(1,217)	1:A:17:MET:HB3	1:A:14:TRP:HA	13	0.26
(1,217)	1:A:17:MET:HB3	1:B:14:TRP:HA	13	0.26
(1,217)	1:A:17:MET:HB3	1:C:14:TRP:HA	13	0.26
(1,217)	1:B:17:MET:HB2	1:A:14:TRP:HA	13	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,217)	1:B:17:MET:HB2	1:B:14:TRP:HA	13	0.26
(1,217)	1:B:17:MET:HB2	1:C:14:TRP:HA	13	0.26
(1,217)	1:B:17:MET:HB3	1:A:14:TRP:HA	13	0.26
(1,217)	1:B:17:MET:HB3	1:B:14:TRP:HA	13	0.26
(1,217)	1:B:17:MET:HB3	1:C:14:TRP:HA	13	0.26
(1,217)	1:C:17:MET:HB2	1:A:14:TRP:HA	13	0.26
(1,217)	1:C:17:MET:HB2	1:B:14:TRP:HA	13	0.26
(1,217)	1:C:17:MET:HB2	1:C:14:TRP:HA	13	0.26
(1,217)	1:C:17:MET:HB3	1:A:14:TRP:HA	13	0.26
(1,217)	1:C:17:MET:HB3	1:B:14:TRP:HA	13	0.26
(1,217)	1:C:17:MET:HB3	1:C:14:TRP:HA	13	0.26
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	6	0.26
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	6	0.26
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	6	0.26
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	6	0.26
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	6	0.26
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	6	0.26
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	6	0.26
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	6	0.26
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	6	0.26
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	6	0.26
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	6	0.26
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	6	0.26
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	6	0.26
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	6	0.26
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	6	0.26
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	6	0.26
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	6	0.26
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	6	0.26
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	6	0.26
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	6	0.26
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	6	0.26
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	6	0.26
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	6	0.26
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	6	0.26
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	6	0.26
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	6	0.26
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	6	0.26
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	13	0.26
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	13	0.26
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	13	0.26
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	13	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	13	0.26
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	13	0.26
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	13	0.26
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	13	0.26
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	13	0.26
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	20	0.26
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	20	0.26
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	20	0.26
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	20	0.26
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	20	0.26
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	20	0.26
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	20	0.26
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	20	0.26
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	20	0.26
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	2	0.26
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	2	0.26
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	2	0.26
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	2	0.26
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	2	0.26
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	2	0.26
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	2	0.26
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	2	0.26
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	2	0.26
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	3	0.26
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	3	0.26
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	3	0.26
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	3	0.26
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	3	0.26
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	3	0.26
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	3	0.26
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	3	0.26
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	3	0.26
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	17	0.26
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	17	0.26
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	17	0.26
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	17	0.26
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	17	0.26
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	17	0.26
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	17	0.26
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	17	0.26
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	17	0.26
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	18	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	18	0.26
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	18	0.26
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	18	0.26
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	18	0.26
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	18	0.26
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	18	0.26
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	18	0.26
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	18	0.26
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	20	0.26
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	20	0.26
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	20	0.26
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	20	0.26
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	20	0.26
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	20	0.26
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	20	0.26
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	20	0.26
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	20	0.26
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	17	0.26
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	17	0.26
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	17	0.26
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	17	0.26
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	17	0.26
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	17	0.26
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	17	0.26
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	17	0.26
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	17	0.26
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	3	0.25
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	3	0.25
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	3	0.25
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	3	0.25
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	3	0.25
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	3	0.25
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	3	0.25
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	3	0.25
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	3	0.25
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	3	0.25
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	3	0.25
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	3	0.25
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	3	0.25
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	3	0.25
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	3	0.25
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	3	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	3	0.25
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	3	0.25
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	5	0.25
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	5	0.25
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	5	0.25
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	5	0.25
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	5	0.25
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	5	0.25
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	5	0.25
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	5	0.25
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	5	0.25
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	5	0.25
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	5	0.25
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	5	0.25
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	5	0.25
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	5	0.25
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	5	0.25
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	5	0.25
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	5	0.25
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	5	0.25
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	13	0.25
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	13	0.25
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	13	0.25
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	13	0.25
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	13	0.25
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	13	0.25
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	13	0.25
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	13	0.25
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	13	0.25
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	13	0.25
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	13	0.25
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	13	0.25
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	13	0.25
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	13	0.25
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	13	0.25
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	13	0.25
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	13	0.25
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	13	0.25
(1,92)	1:A:14:TRP:HD1	1:A:15:THR:HB	2	0.25
(1,92)	1:A:14:TRP:HD1	1:B:15:THR:HB	2	0.25
(1,92)	1:A:14:TRP:HD1	1:C:15:THR:HB	2	0.25
(1,92)	1:B:14:TRP:HD1	1:A:15:THR:HB	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,92)	1:B:14:TRP:HD1	1:B:15:THR:HB	2	0.25
(1,92)	1:B:14:TRP:HD1	1:C:15:THR:HB	2	0.25
(1,92)	1:C:14:TRP:HD1	1:A:15:THR:HB	2	0.25
(1,92)	1:C:14:TRP:HD1	1:B:15:THR:HB	2	0.25
(1,92)	1:C:14:TRP:HD1	1:C:15:THR:HB	2	0.25
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	14	0.25
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	14	0.25
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	14	0.25
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	14	0.25
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	14	0.25
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	14	0.25
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	14	0.25
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	14	0.25
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	14	0.25
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	14	0.25
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	14	0.25
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	14	0.25
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	14	0.25
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	14	0.25
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	14	0.25
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	14	0.25
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	14	0.25
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	14	0.25
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	14	0.25
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	14	0.25
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	14	0.25
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	14	0.25
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	14	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	14	0.25
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	14	0.25
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	14	0.25
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	14	0.25
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	14	0.25
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	14	0.25
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	14	0.25
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	14	0.25
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	6	0.25
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	6	0.25
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	6	0.25
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	6	0.25
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	6	0.25
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	6	0.25
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	6	0.25
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	6	0.25
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	6	0.25
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	6	0.25
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	6	0.25
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	6	0.25
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	6	0.25
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	6	0.25
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	6	0.25
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	6	0.25
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	6	0.25
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	6	0.25
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	13	0.25
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	13	0.25
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	13	0.25
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	13	0.25
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	13	0.25
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	13	0.25
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	13	0.25
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	13	0.25
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	13	0.25
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	13	0.25
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	13	0.25
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	13	0.25
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	13	0.25
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	13	0.25
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	13	0.25
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	13	0.25
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	13	0.25
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	18	0.25
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	18	0.25
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	18	0.25
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	18	0.25
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	18	0.25
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	18	0.25
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	18	0.25
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	18	0.25
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	18	0.25
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	18	0.25
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	18	0.25
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	18	0.25
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	18	0.25
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	18	0.25
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	18	0.25
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	18	0.25
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	18	0.25
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	18	0.25
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	19	0.25
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	19	0.25
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	19	0.25
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	19	0.25
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	19	0.25
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	19	0.25
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	19	0.25
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	19	0.25
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	19	0.25
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	19	0.25
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	19	0.25
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	19	0.25
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	19	0.25
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	19	0.25
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	19	0.25
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	19	0.25
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	19	0.25
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	19	0.25
(1,309)	1:A:5:ALA:HB1	1:A:21:TRP:HE3	1	0.25
(1,309)	1:A:5:ALA:HB1	1:B:21:TRP:HE3	1	0.25
(1,309)	1:A:5:ALA:HB1	1:C:21:TRP:HE3	1	0.25
(1,309)	1:A:5:ALA:HB2	1:A:21:TRP:HE3	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,309)	1:A:5:ALA:HB2	1:B:21:TRP:HE3	1	0.25
(1,309)	1:A:5:ALA:HB2	1:C:21:TRP:HE3	1	0.25
(1,309)	1:A:5:ALA:HB3	1:A:21:TRP:HE3	1	0.25
(1,309)	1:A:5:ALA:HB3	1:B:21:TRP:HE3	1	0.25
(1,309)	1:A:5:ALA:HB3	1:C:21:TRP:HE3	1	0.25
(1,309)	1:B:5:ALA:HB1	1:A:21:TRP:HE3	1	0.25
(1,309)	1:B:5:ALA:HB1	1:B:21:TRP:HE3	1	0.25
(1,309)	1:B:5:ALA:HB1	1:C:21:TRP:HE3	1	0.25
(1,309)	1:B:5:ALA:HB2	1:A:21:TRP:HE3	1	0.25
(1,309)	1:B:5:ALA:HB2	1:B:21:TRP:HE3	1	0.25
(1,309)	1:B:5:ALA:HB2	1:C:21:TRP:HE3	1	0.25
(1,309)	1:B:5:ALA:HB3	1:A:21:TRP:HE3	1	0.25
(1,309)	1:B:5:ALA:HB3	1:B:21:TRP:HE3	1	0.25
(1,309)	1:B:5:ALA:HB3	1:C:21:TRP:HE3	1	0.25
(1,309)	1:C:5:ALA:HB1	1:A:21:TRP:HE3	1	0.25
(1,309)	1:C:5:ALA:HB1	1:B:21:TRP:HE3	1	0.25
(1,309)	1:C:5:ALA:HB1	1:C:21:TRP:HE3	1	0.25
(1,309)	1:C:5:ALA:HB2	1:A:21:TRP:HE3	1	0.25
(1,309)	1:C:5:ALA:HB2	1:B:21:TRP:HE3	1	0.25
(1,309)	1:C:5:ALA:HB2	1:C:21:TRP:HE3	1	0.25
(1,309)	1:C:5:ALA:HB3	1:A:21:TRP:HE3	1	0.25
(1,309)	1:C:5:ALA:HB3	1:B:21:TRP:HE3	1	0.25
(1,309)	1:C:5:ALA:HB3	1:C:21:TRP:HE3	1	0.25
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB1	16	0.25
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB2	16	0.25
(1,298)	1:A:17:MET:HG2	1:A:5:ALA:HB3	16	0.25
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB1	16	0.25
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB2	16	0.25
(1,298)	1:A:17:MET:HG2	1:B:5:ALA:HB3	16	0.25
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB1	16	0.25
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB2	16	0.25
(1,298)	1:A:17:MET:HG2	1:C:5:ALA:HB3	16	0.25
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB1	16	0.25
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB2	16	0.25
(1,298)	1:A:17:MET:HG3	1:A:5:ALA:HB3	16	0.25
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB1	16	0.25
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB2	16	0.25
(1,298)	1:A:17:MET:HG3	1:B:5:ALA:HB3	16	0.25
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB1	16	0.25
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB2	16	0.25
(1,298)	1:A:17:MET:HG3	1:C:5:ALA:HB3	16	0.25
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB1	16	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB2	16	0.25
(1,298)	1:B:17:MET:HG2	1:A:5:ALA:HB3	16	0.25
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB1	16	0.25
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB2	16	0.25
(1,298)	1:B:17:MET:HG2	1:B:5:ALA:HB3	16	0.25
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB1	16	0.25
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB2	16	0.25
(1,298)	1:B:17:MET:HG2	1:C:5:ALA:HB3	16	0.25
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB1	16	0.25
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB2	16	0.25
(1,298)	1:B:17:MET:HG3	1:A:5:ALA:HB3	16	0.25
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB1	16	0.25
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB2	16	0.25
(1,298)	1:B:17:MET:HG3	1:B:5:ALA:HB3	16	0.25
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB1	16	0.25
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB2	16	0.25
(1,298)	1:B:17:MET:HG3	1:C:5:ALA:HB3	16	0.25
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB1	16	0.25
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB2	16	0.25
(1,298)	1:C:17:MET:HG2	1:A:5:ALA:HB3	16	0.25
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB1	16	0.25
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB2	16	0.25
(1,298)	1:C:17:MET:HG2	1:B:5:ALA:HB3	16	0.25
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB1	16	0.25
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB2	16	0.25
(1,298)	1:C:17:MET:HG2	1:C:5:ALA:HB3	16	0.25
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB1	16	0.25
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB2	16	0.25
(1,298)	1:C:17:MET:HG3	1:A:5:ALA:HB3	16	0.25
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB1	16	0.25
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB2	16	0.25
(1,298)	1:C:17:MET:HG3	1:B:5:ALA:HB3	16	0.25
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB1	16	0.25
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB2	16	0.25
(1,298)	1:C:17:MET:HG3	1:C:5:ALA:HB3	16	0.25
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG21	17	0.25
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG22	17	0.25
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG23	17	0.25
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG21	17	0.25
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG22	17	0.25
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG23	17	0.25
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG21	17	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG22	17	0.25
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG23	17	0.25
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG21	17	0.25
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG22	17	0.25
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG23	17	0.25
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG21	17	0.25
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG22	17	0.25
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG23	17	0.25
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG21	17	0.25
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG22	17	0.25
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG23	17	0.25
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG21	17	0.25
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG22	17	0.25
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG23	17	0.25
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG21	17	0.25
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG22	17	0.25
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG23	17	0.25
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG21	17	0.25
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG22	17	0.25
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG23	17	0.25
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG21	17	0.25
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG22	17	0.25
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG23	17	0.25
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG21	17	0.25
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG22	17	0.25
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG23	17	0.25
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG21	17	0.25
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG22	17	0.25
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG23	17	0.25
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG21	17	0.25
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG22	17	0.25
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG23	17	0.25
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG21	17	0.25
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG22	17	0.25
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG23	17	0.25
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG21	17	0.25
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG22	17	0.25
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG23	17	0.25
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG21	17	0.25
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG22	17	0.25
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG23	17	0.25
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG21	17	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG22	17	0.25
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG23	17	0.25
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG21	17	0.25
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG22	17	0.25
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG23	17	0.25
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	15	0.25
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	15	0.25
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	15	0.25
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	15	0.25
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	15	0.25
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	15	0.25
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	15	0.25
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	15	0.25
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	15	0.25
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	15	0.25
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	15	0.25
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	15	0.25
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	15	0.25
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	15	0.25
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	15	0.25
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	15	0.25
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	15	0.25
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	15	0.25
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	15	0.25
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	15	0.25
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	15	0.25
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	15	0.25
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	15	0.25
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	15	0.25
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	15	0.25
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	15	0.25
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	15	0.25
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	4	0.25
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	4	0.25
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	4	0.25
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	4	0.25
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	4	0.25
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	4	0.25
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	4	0.25
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	4	0.25
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	4	0.25
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	4	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	4	0.25
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	4	0.25
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	4	0.25
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	4	0.25
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	4	0.25
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	4	0.25
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	4	0.25
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	4	0.25
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	4	0.25
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	4	0.25
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	4	0.25
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	4	0.25
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	4	0.25
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	4	0.25
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	4	0.25
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	4	0.25
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	4	0.25
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	20	0.25
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	20	0.25
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	20	0.25
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	20	0.25
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	20	0.25
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	20	0.25
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	20	0.25
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	20	0.25
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	20	0.25
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	20	0.25
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	20	0.25
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	20	0.25
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	20	0.25
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	20	0.25
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	20	0.25
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	20	0.25
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	20	0.25
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	20	0.25
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	20	0.25
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	20	0.25
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	20	0.25
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	20	0.25
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	20	0.25
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	20	0.25
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	20	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	20	0.25
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	20	0.25
(1,217)	1:A:17:MET:HB2	1:A:14:TRP:HA	18	0.25
(1,217)	1:A:17:MET:HB2	1:B:14:TRP:HA	18	0.25
(1,217)	1:A:17:MET:HB2	1:C:14:TRP:HA	18	0.25
(1,217)	1:A:17:MET:HB3	1:A:14:TRP:HA	18	0.25
(1,217)	1:A:17:MET:HB3	1:B:14:TRP:HA	18	0.25
(1,217)	1:A:17:MET:HB3	1:C:14:TRP:HA	18	0.25
(1,217)	1:B:17:MET:HB2	1:A:14:TRP:HA	18	0.25
(1,217)	1:B:17:MET:HB2	1:B:14:TRP:HA	18	0.25
(1,217)	1:B:17:MET:HB2	1:C:14:TRP:HA	18	0.25
(1,217)	1:B:17:MET:HB3	1:A:14:TRP:HA	18	0.25
(1,217)	1:B:17:MET:HB3	1:B:14:TRP:HA	18	0.25
(1,217)	1:B:17:MET:HB3	1:C:14:TRP:HA	18	0.25
(1,217)	1:C:17:MET:HB2	1:A:14:TRP:HA	18	0.25
(1,217)	1:C:17:MET:HB2	1:B:14:TRP:HA	18	0.25
(1,217)	1:C:17:MET:HB2	1:C:14:TRP:HA	18	0.25
(1,217)	1:C:17:MET:HB3	1:A:14:TRP:HA	18	0.25
(1,217)	1:C:17:MET:HB3	1:B:14:TRP:HA	18	0.25
(1,217)	1:C:17:MET:HB3	1:C:14:TRP:HA	18	0.25
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	5	0.25
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	5	0.25
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	5	0.25
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	5	0.25
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	5	0.25
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	5	0.25
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	5	0.25
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	5	0.25
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	5	0.25
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	3	0.25
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	3	0.25
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	3	0.25
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	3	0.25
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	3	0.25
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	3	0.25
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	3	0.25
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	3	0.25
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	3	0.25
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	7	0.25
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	7	0.25
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	7	0.25
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	7	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	7	0.25
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	7	0.25
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	7	0.25
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	7	0.25
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	7	0.25
(1,156)	1:A:22:TYR:HA	1:A:23:GLY:H	15	0.25
(1,156)	1:A:22:TYR:HA	1:B:23:GLY:H	15	0.25
(1,156)	1:A:22:TYR:HA	1:C:23:GLY:H	15	0.25
(1,156)	1:B:22:TYR:HA	1:A:23:GLY:H	15	0.25
(1,156)	1:B:22:TYR:HA	1:B:23:GLY:H	15	0.25
(1,156)	1:B:22:TYR:HA	1:C:23:GLY:H	15	0.25
(1,156)	1:C:22:TYR:HA	1:A:23:GLY:H	15	0.25
(1,156)	1:C:22:TYR:HA	1:B:23:GLY:H	15	0.25
(1,156)	1:C:22:TYR:HA	1:C:23:GLY:H	15	0.25
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	13	0.25
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	13	0.25
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	13	0.25
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	13	0.25
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	13	0.25
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	13	0.25
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	13	0.25
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	13	0.25
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	13	0.25
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	16	0.25
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	16	0.25
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	16	0.25
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	16	0.25
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	16	0.25
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	16	0.25
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	16	0.25
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	16	0.25
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	16	0.25
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	8	0.25
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	8	0.25
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	8	0.25
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	8	0.25
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	8	0.25
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	8	0.25
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	8	0.25
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	8	0.25
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	8	0.25
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	11	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	11	0.25
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	11	0.25
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	11	0.25
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	11	0.25
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	11	0.25
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	11	0.25
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	11	0.25
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	11	0.25
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	9	0.24
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	9	0.24
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	9	0.24
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	9	0.24
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	9	0.24
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	9	0.24
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	9	0.24
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	9	0.24
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	9	0.24
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	9	0.24
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	9	0.24
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	9	0.24
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	9	0.24
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	9	0.24
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	9	0.24
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	9	0.24
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	9	0.24
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	9	0.24
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	20	0.24
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	20	0.24
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	20	0.24
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	20	0.24
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	20	0.24
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	20	0.24
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	20	0.24
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	20	0.24
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	20	0.24
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	20	0.24
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	20	0.24
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	20	0.24
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	20	0.24
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	20	0.24
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	20	0.24
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	20	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	20	0.24
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	20	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	2	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	2	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	2	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	2	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	2	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	2	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	2	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	2	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	2	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	2	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	2	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	2	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	2	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	2	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	2	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	2	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	2	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	2	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	2	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	2	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	2	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	2	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	2	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	2	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	2	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	2	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	2	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	2	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	2	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	2	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	2	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	2	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	2	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	2	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	3	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	3	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	3	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	3	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	3	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	3	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	3	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	3	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	3	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	3	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	3	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	3	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	3	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	3	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	3	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	3	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	3	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	3	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	3	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	3	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	3	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	3	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	3	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	3	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	3	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	3	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	3	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	3	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	3	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	3	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	3	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	3	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	4	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	4	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	4	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	4	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	4	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	4	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	4	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	4	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	4	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	4	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	4	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	4	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	4	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	4	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	4	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	4	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	4	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	4	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	4	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	4	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	4	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	4	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	4	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	4	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	4	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	4	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	4	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	4	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	4	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	4	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	4	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	4	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	7	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	7	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	7	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	7	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	7	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	7	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	7	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	7	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	7	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	7	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	7	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	7	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	7	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	7	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	7	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	7	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	7	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	7	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	7	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	7	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	7	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	7	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	7	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	7	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	7	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	7	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	7	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	7	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	7	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	7	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	7	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	7	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	8	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	8	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	8	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	8	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	8	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	8	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	8	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	8	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	8	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	8	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	8	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	8	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	8	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	8	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	8	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	8	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	8	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	8	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	8	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	8	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	8	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	8	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	8	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	8	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	8	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	8	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	8	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	8	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	8	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	8	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	8	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	8	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	8	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	8	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	9	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	9	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	9	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	9	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	9	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	9	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	9	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	9	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	9	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	9	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	9	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	9	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	9	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	9	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	9	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	9	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	9	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	9	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	9	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	9	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	9	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	9	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	9	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	9	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	9	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	9	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	9	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	9	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	9	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	9	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	9	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	9	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	10	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	10	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	10	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	10	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	10	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	10	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	10	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	10	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	10	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	10	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	10	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	10	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	10	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	10	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	10	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	10	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	10	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	10	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	10	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	10	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	10	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	10	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	10	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	10	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	10	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	10	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	10	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	10	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	10	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	10	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	10	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	10	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	10	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	10	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	10	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	10	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	10	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	10	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	10	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	10	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	10	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	10	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	10	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	10	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	10	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	10	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	10	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	10	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	11	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	11	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	11	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	11	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	11	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	11	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	11	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	11	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	11	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	11	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	11	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	11	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	11	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	11	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	11	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	11	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	11	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	11	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	11	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	11	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	11	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	11	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	11	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	11	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	11	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	11	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	11	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	11	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	11	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	11	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	11	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	11	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	11	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	11	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	13	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	13	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	13	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	13	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	13	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	13	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	13	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	13	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	13	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	13	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	13	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	13	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	13	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	13	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	13	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	13	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	13	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	13	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	13	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	13	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	13	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	13	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	13	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	13	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	13	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	13	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	13	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	13	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	13	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	13	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	13	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	13	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	13	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	13	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	15	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	15	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	15	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	15	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	15	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	15	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	15	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	15	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	15	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	15	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	15	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	15	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	15	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	15	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	15	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	15	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	15	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	15	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	15	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	15	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	15	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	15	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	15	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	15	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	15	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	15	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	15	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	15	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	15	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	15	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	15	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	15	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	15	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	15	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	16	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	16	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	16	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	16	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	16	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	16	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	16	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	16	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	16	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	16	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	16	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	16	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	16	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	16	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	16	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	16	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	16	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	16	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	16	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	16	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	16	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	16	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	16	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	16	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	16	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	16	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	16	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	16	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	16	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	16	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	16	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	16	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	16	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	16	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	18	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	18	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	18	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	18	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	18	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	18	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	18	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	18	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	18	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	18	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	18	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	18	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	18	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	18	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	18	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	18	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	18	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	18	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	18	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	18	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	18	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	18	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	18	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	18	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	18	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	18	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	18	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	18	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	18	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	18	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	18	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	18	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	18	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	18	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	20	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	20	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	20	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	20	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	20	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	20	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	20	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	20	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	20	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	20	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	20	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	20	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	20	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	20	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	20	0.24
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	20	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	20	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	20	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	20	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	20	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	20	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	20	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	20	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	20	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	20	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	20	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	20	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	20	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	20	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	20	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	20	0.24
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	20	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	20	0.24
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	20	0.24
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	7	0.24
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	7	0.24
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	7	0.24
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	7	0.24
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	7	0.24
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	7	0.24
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	7	0.24
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	7	0.24
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	18	0.24
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	18	0.24
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	18	0.24
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	18	0.24
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	18	0.24
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	18	0.24
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	18	0.24
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	18	0.24
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	18	0.24
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	5	0.24
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	5	0.24
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	5	0.24
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	5	0.24
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	5	0.24
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	5	0.24
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	5	0.24
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	5	0.24
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	5	0.24
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	5	0.24
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	5	0.24
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	5	0.24
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	5	0.24
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	5	0.24
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	5	0.24
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	5	0.24
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	6	0.24
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	6	0.24
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	6	0.24
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	6	0.24
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	6	0.24
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	6	0.24
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	6	0.24
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	6	0.24
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	6	0.24
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	6	0.24
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	6	0.24
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	6	0.24
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	6	0.24
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	6	0.24
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	6	0.24
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	6	0.24
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	6	0.24
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	6	0.24
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	6	0.24
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	6	0.24
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	6	0.24
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	6	0.24
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	6	0.24
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	6	0.24
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	6	0.24
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	6	0.24
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	6	0.24
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	6	0.24
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	6	0.24
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	6	0.24
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	20	0.24
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	20	0.24
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	20	0.24
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	20	0.24
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	20	0.24
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	20	0.24
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	20	0.24
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	20	0.24
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	20	0.24
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	20	0.24
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	20	0.24
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	20	0.24
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	20	0.24
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	20	0.24
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	20	0.24
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	20	0.24
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	20	0.24
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	20	0.24
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	20	0.24
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	20	0.24
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	20	0.24
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	20	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	20	0.24
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	20	0.24
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	20	0.24
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	20	0.24
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	20	0.24
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	20	0.24
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	20	0.24
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	20	0.24
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	20	0.24
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	1	0.24
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	1	0.24
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	1	0.24
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	1	0.24
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	1	0.24
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	1	0.24
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	1	0.24
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	1	0.24
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	1	0.24
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	1	0.24
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	1	0.24
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	1	0.24
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	1	0.24
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	1	0.24
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	1	0.24
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	1	0.24
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	1	0.24
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	1	0.24
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	1	0.24
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	1	0.24
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	1	0.24
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	1	0.24
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	1	0.24
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	1	0.24
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	1	0.24
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	1	0.24
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	1	0.24
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	1	0.24
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	1	0.24
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	1	0.24
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	1	0.24
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	1	0.24
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	1	0.24
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	1	0.24
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	1	0.24
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	1	0.24
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	1	0.24
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	1	0.24
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	1	0.24
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	1	0.24
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	1	0.24
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	1	0.24
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	1	0.24
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	1	0.24
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	1	0.24
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	1	0.24
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	1	0.24
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	1	0.24
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	1	0.24
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	1	0.24
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	1	0.24
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	1	0.24
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	1	0.24
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	17	0.24
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	17	0.24
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	17	0.24
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	17	0.24
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	17	0.24
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	17	0.24
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	17	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	17	0.24
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	17	0.24
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	17	0.24
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	17	0.24
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	17	0.24
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	17	0.24
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	17	0.24
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	17	0.24
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	17	0.24
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	17	0.24
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	17	0.24
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	17	0.24
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	17	0.24
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	17	0.24
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	17	0.24
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	17	0.24
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	17	0.24
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	17	0.24
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	17	0.24
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	17	0.24
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	17	0.24
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	17	0.24
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	17	0.24
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	17	0.24
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	17	0.24
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	17	0.24
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	17	0.24
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	17	0.24
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	17	0.24
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	17	0.24
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	17	0.24
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	17	0.24
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	17	0.24
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	17	0.24
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	17	0.24
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	17	0.24
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	17	0.24
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	17	0.24
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	17	0.24
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	17	0.24
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	17	0.24
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	17	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	17	0.24
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	17	0.24
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	17	0.24
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	17	0.24
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	17	0.24
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	1	0.24
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	1	0.24
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	1	0.24
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	1	0.24
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	1	0.24
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	1	0.24
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	1	0.24
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	1	0.24
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	1	0.24
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	1	0.24
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	1	0.24
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	1	0.24
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	1	0.24
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	1	0.24
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	1	0.24
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	1	0.24
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	1	0.24
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	1	0.24
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	3	0.24
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	3	0.24
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	3	0.24
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	3	0.24
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	3	0.24
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	3	0.24
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	3	0.24
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	3	0.24
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	3	0.24
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	3	0.24
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	3	0.24
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	3	0.24
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	3	0.24
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	3	0.24
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	3	0.24
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	3	0.24
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	3	0.24
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	3	0.24
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	15	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	15	0.24
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	15	0.24
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	15	0.24
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	15	0.24
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	15	0.24
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	15	0.24
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	15	0.24
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	15	0.24
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	15	0.24
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	15	0.24
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	15	0.24
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	15	0.24
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	15	0.24
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	15	0.24
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	15	0.24
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	15	0.24
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	15	0.24
(1,311)	1:A:9:PHE:HD1	1:A:14:TRP:HE3	7	0.24
(1,311)	1:A:9:PHE:HD1	1:B:14:TRP:HE3	7	0.24
(1,311)	1:A:9:PHE:HD1	1:C:14:TRP:HE3	7	0.24
(1,311)	1:A:9:PHE:HD2	1:A:14:TRP:HE3	7	0.24
(1,311)	1:A:9:PHE:HD2	1:B:14:TRP:HE3	7	0.24
(1,311)	1:A:9:PHE:HD2	1:C:14:TRP:HE3	7	0.24
(1,311)	1:A:9:PHE:HE1	1:A:14:TRP:HE3	7	0.24
(1,311)	1:A:9:PHE:HE1	1:B:14:TRP:HE3	7	0.24
(1,311)	1:A:9:PHE:HE1	1:C:14:TRP:HE3	7	0.24
(1,311)	1:A:9:PHE:HE2	1:A:14:TRP:HE3	7	0.24
(1,311)	1:A:9:PHE:HE2	1:B:14:TRP:HE3	7	0.24
(1,311)	1:A:9:PHE:HE2	1:C:14:TRP:HE3	7	0.24
(1,311)	1:A:9:PHE:HZ	1:A:14:TRP:HE3	7	0.24
(1,311)	1:A:9:PHE:HZ	1:B:14:TRP:HE3	7	0.24
(1,311)	1:A:9:PHE:HZ	1:C:14:TRP:HE3	7	0.24
(1,311)	1:B:9:PHE:HD1	1:A:14:TRP:HE3	7	0.24
(1,311)	1:B:9:PHE:HD1	1:B:14:TRP:HE3	7	0.24
(1,311)	1:B:9:PHE:HD1	1:C:14:TRP:HE3	7	0.24
(1,311)	1:B:9:PHE:HD2	1:A:14:TRP:HE3	7	0.24
(1,311)	1:B:9:PHE:HD2	1:B:14:TRP:HE3	7	0.24
(1,311)	1:B:9:PHE:HD2	1:C:14:TRP:HE3	7	0.24
(1,311)	1:B:9:PHE:HE1	1:A:14:TRP:HE3	7	0.24
(1,311)	1:B:9:PHE:HE1	1:B:14:TRP:HE3	7	0.24
(1,311)	1:B:9:PHE:HE1	1:C:14:TRP:HE3	7	0.24
(1,311)	1:B:9:PHE:HE2	1:A:14:TRP:HE3	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:B:9:PHE:HE2	1:B:14:TRP:HE3	7	0.24
(1,311)	1:B:9:PHE:HE2	1:C:14:TRP:HE3	7	0.24
(1,311)	1:B:9:PHE:HZ	1:A:14:TRP:HE3	7	0.24
(1,311)	1:B:9:PHE:HZ	1:B:14:TRP:HE3	7	0.24
(1,311)	1:B:9:PHE:HZ	1:C:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HD1	1:A:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HD1	1:B:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HD1	1:C:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HD2	1:A:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HD2	1:B:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HD2	1:C:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HE1	1:A:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HE1	1:B:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HE1	1:C:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HE2	1:A:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HE2	1:B:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HE2	1:C:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HZ	1:A:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HZ	1:B:14:TRP:HE3	7	0.24
(1,311)	1:C:9:PHE:HZ	1:C:14:TRP:HE3	7	0.24
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	20	0.24
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	20	0.24
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	20	0.24
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	20	0.24
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	20	0.24
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	20	0.24
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	20	0.24
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	20	0.24
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	20	0.24
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	20	0.24
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	20	0.24
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	20	0.24
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	20	0.24
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	20	0.24
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	20	0.24
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	20	0.24
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	20	0.24
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	20	0.24
(1,300)	1:A:8:ALA:HB1	1:A:17:MET:HB2	15	0.24
(1,300)	1:A:8:ALA:HB1	1:A:17:MET:HB3	15	0.24
(1,300)	1:A:8:ALA:HB1	1:B:17:MET:HB2	15	0.24
(1,300)	1:A:8:ALA:HB1	1:B:17:MET:HB3	15	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,300)	1:A:8:ALA:HB1	1:C:17:MET:HB2	15	0.24
(1,300)	1:A:8:ALA:HB1	1:C:17:MET:HB3	15	0.24
(1,300)	1:A:8:ALA:HB2	1:A:17:MET:HB2	15	0.24
(1,300)	1:A:8:ALA:HB2	1:A:17:MET:HB3	15	0.24
(1,300)	1:A:8:ALA:HB2	1:B:17:MET:HB2	15	0.24
(1,300)	1:A:8:ALA:HB2	1:B:17:MET:HB3	15	0.24
(1,300)	1:A:8:ALA:HB2	1:C:17:MET:HB2	15	0.24
(1,300)	1:A:8:ALA:HB2	1:C:17:MET:HB3	15	0.24
(1,300)	1:A:8:ALA:HB3	1:A:17:MET:HB2	15	0.24
(1,300)	1:A:8:ALA:HB3	1:A:17:MET:HB3	15	0.24
(1,300)	1:A:8:ALA:HB3	1:B:17:MET:HB2	15	0.24
(1,300)	1:A:8:ALA:HB3	1:B:17:MET:HB3	15	0.24
(1,300)	1:A:8:ALA:HB3	1:C:17:MET:HB2	15	0.24
(1,300)	1:A:8:ALA:HB3	1:C:17:MET:HB3	15	0.24
(1,300)	1:B:8:ALA:HB1	1:A:17:MET:HB2	15	0.24
(1,300)	1:B:8:ALA:HB1	1:A:17:MET:HB3	15	0.24
(1,300)	1:B:8:ALA:HB1	1:B:17:MET:HB2	15	0.24
(1,300)	1:B:8:ALA:HB1	1:B:17:MET:HB3	15	0.24
(1,300)	1:B:8:ALA:HB1	1:C:17:MET:HB2	15	0.24
(1,300)	1:B:8:ALA:HB1	1:C:17:MET:HB3	15	0.24
(1,300)	1:B:8:ALA:HB2	1:A:17:MET:HB2	15	0.24
(1,300)	1:B:8:ALA:HB2	1:A:17:MET:HB3	15	0.24
(1,300)	1:B:8:ALA:HB2	1:B:17:MET:HB2	15	0.24
(1,300)	1:B:8:ALA:HB2	1:B:17:MET:HB3	15	0.24
(1,300)	1:B:8:ALA:HB2	1:C:17:MET:HB2	15	0.24
(1,300)	1:B:8:ALA:HB2	1:C:17:MET:HB3	15	0.24
(1,300)	1:B:8:ALA:HB3	1:A:17:MET:HB2	15	0.24
(1,300)	1:B:8:ALA:HB3	1:A:17:MET:HB3	15	0.24
(1,300)	1:B:8:ALA:HB3	1:B:17:MET:HB2	15	0.24
(1,300)	1:B:8:ALA:HB3	1:B:17:MET:HB3	15	0.24
(1,300)	1:B:8:ALA:HB3	1:C:17:MET:HB2	15	0.24
(1,300)	1:B:8:ALA:HB3	1:C:17:MET:HB3	15	0.24
(1,300)	1:C:8:ALA:HB1	1:A:17:MET:HB2	15	0.24
(1,300)	1:C:8:ALA:HB1	1:A:17:MET:HB3	15	0.24
(1,300)	1:C:8:ALA:HB1	1:B:17:MET:HB2	15	0.24
(1,300)	1:C:8:ALA:HB1	1:B:17:MET:HB3	15	0.24
(1,300)	1:C:8:ALA:HB1	1:C:17:MET:HB2	15	0.24
(1,300)	1:C:8:ALA:HB1	1:C:17:MET:HB3	15	0.24
(1,300)	1:C:8:ALA:HB2	1:A:17:MET:HB2	15	0.24
(1,300)	1:C:8:ALA:HB2	1:A:17:MET:HB3	15	0.24
(1,300)	1:C:8:ALA:HB2	1:B:17:MET:HB2	15	0.24
(1,300)	1:C:8:ALA:HB2	1:B:17:MET:HB3	15	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,300)	1:C:8:ALA:HB2	1:C:17:MET:HB2	15	0.24
(1,300)	1:C:8:ALA:HB2	1:C:17:MET:HB3	15	0.24
(1,300)	1:C:8:ALA:HB3	1:A:17:MET:HB2	15	0.24
(1,300)	1:C:8:ALA:HB3	1:A:17:MET:HB3	15	0.24
(1,300)	1:C:8:ALA:HB3	1:B:17:MET:HB2	15	0.24
(1,300)	1:C:8:ALA:HB3	1:B:17:MET:HB3	15	0.24
(1,300)	1:C:8:ALA:HB3	1:C:17:MET:HB2	15	0.24
(1,300)	1:C:8:ALA:HB3	1:C:17:MET:HB3	15	0.24
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	4	0.24
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	4	0.24
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	4	0.24
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	4	0.24
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	4	0.24
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	4	0.24
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	4	0.24
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	4	0.24
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	4	0.24
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	4	0.24
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	4	0.24
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	4	0.24
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	4	0.24
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	4	0.24
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	4	0.24
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	4	0.24
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	4	0.24
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	4	0.24
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	4	0.24
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	4	0.24
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	4	0.24
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	4	0.24
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	4	0.24
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	4	0.24
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	4	0.24
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	4	0.24
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	4	0.24
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	4	0.24
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	4	0.24
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	4	0.24
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	4	0.24
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	4	0.24
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	4	0.24
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	4	0.24
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	4	0.24
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	4	0.24
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	4	0.24
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	4	0.24
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	4	0.24
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	4	0.24
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	4	0.24
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	4	0.24
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	4	0.24
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	4	0.24
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	4	0.24
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	4	0.24
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	4	0.24
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	4	0.24
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	4	0.24
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	4	0.24
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	4	0.24
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	4	0.24
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	4	0.24
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	7	0.24
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	7	0.24
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	7	0.24
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	7	0.24
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	7	0.24
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	7	0.24
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	7	0.24
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	7	0.24
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	7	0.24
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	7	0.24
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	7	0.24
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	7	0.24
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	7	0.24
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	7	0.24
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	7	0.24
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	7	0.24
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	7	0.24
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	7	0.24
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	7	0.24
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	7	0.24
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	7	0.24
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	7	0.24
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	7	0.24
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	7	0.24
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	7	0.24
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	7	0.24
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	7	0.24
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	7	0.24
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	7	0.24
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	7	0.24
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	7	0.24
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	7	0.24
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	7	0.24
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	7	0.24
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	7	0.24
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	7	0.24
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	7	0.24
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	7	0.24
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	7	0.24
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	7	0.24
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	7	0.24
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	7	0.24
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	7	0.24
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	7	0.24
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	7	0.24
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	7	0.24
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	7	0.24
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	7	0.24
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	7	0.24
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	7	0.24
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	7	0.24
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	7	0.24
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	7	0.24
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG21	15	0.24
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG22	15	0.24
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG23	15	0.24
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG21	15	0.24
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG22	15	0.24
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG23	15	0.24
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG21	15	0.24
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG22	15	0.24
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG23	15	0.24
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG21	15	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG22	15	0.24
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG23	15	0.24
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG21	15	0.24
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG22	15	0.24
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG23	15	0.24
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG21	15	0.24
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG22	15	0.24
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG23	15	0.24
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG21	15	0.24
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG22	15	0.24
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG23	15	0.24
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG21	15	0.24
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG22	15	0.24
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG23	15	0.24
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG21	15	0.24
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG22	15	0.24
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG23	15	0.24
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG21	15	0.24
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG22	15	0.24
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG23	15	0.24
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG21	15	0.24
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG22	15	0.24
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG23	15	0.24
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG21	15	0.24
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG22	15	0.24
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG23	15	0.24
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG21	15	0.24
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG22	15	0.24
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG23	15	0.24
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG21	15	0.24
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG22	15	0.24
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG23	15	0.24
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG21	15	0.24
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG22	15	0.24
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG23	15	0.24
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG21	15	0.24
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG22	15	0.24
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG23	15	0.24
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG21	15	0.24
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG22	15	0.24
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG23	15	0.24
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG21	15	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG22	15	0.24
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG23	15	0.24
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	9	0.24
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	9	0.24
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	9	0.24
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	9	0.24
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	9	0.24
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	9	0.24
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	9	0.24
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	9	0.24
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	9	0.24
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	9	0.24
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	9	0.24
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	9	0.24
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	9	0.24
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	9	0.24
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	9	0.24
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	9	0.24
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	9	0.24
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	9	0.24
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	9	0.24
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	9	0.24
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	9	0.24
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	9	0.24
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	9	0.24
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	9	0.24
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	9	0.24
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	9	0.24
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	9	0.24
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	10	0.24
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	10	0.24
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	10	0.24
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	10	0.24
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	10	0.24
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	10	0.24
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	10	0.24
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	10	0.24
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	10	0.24
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	10	0.24
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	10	0.24
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	10	0.24
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	10	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	10	0.24
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	10	0.24
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	10	0.24
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	10	0.24
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	10	0.24
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	10	0.24
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	10	0.24
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	10	0.24
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	10	0.24
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	10	0.24
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	10	0.24
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	10	0.24
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	10	0.24
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	10	0.24
(1,217)	1:A:17:MET:HB2	1:A:14:TRP:HA	3	0.24
(1,217)	1:A:17:MET:HB2	1:B:14:TRP:HA	3	0.24
(1,217)	1:A:17:MET:HB2	1:C:14:TRP:HA	3	0.24
(1,217)	1:A:17:MET:HB3	1:A:14:TRP:HA	3	0.24
(1,217)	1:A:17:MET:HB3	1:B:14:TRP:HA	3	0.24
(1,217)	1:A:17:MET:HB3	1:C:14:TRP:HA	3	0.24
(1,217)	1:B:17:MET:HB2	1:A:14:TRP:HA	3	0.24
(1,217)	1:B:17:MET:HB2	1:B:14:TRP:HA	3	0.24
(1,217)	1:B:17:MET:HB2	1:C:14:TRP:HA	3	0.24
(1,217)	1:B:17:MET:HB3	1:A:14:TRP:HA	3	0.24
(1,217)	1:B:17:MET:HB3	1:B:14:TRP:HA	3	0.24
(1,217)	1:B:17:MET:HB3	1:C:14:TRP:HA	3	0.24
(1,217)	1:C:17:MET:HB2	1:A:14:TRP:HA	3	0.24
(1,217)	1:C:17:MET:HB2	1:B:14:TRP:HA	3	0.24
(1,217)	1:C:17:MET:HB2	1:C:14:TRP:HA	3	0.24
(1,217)	1:C:17:MET:HB3	1:A:14:TRP:HA	3	0.24
(1,217)	1:C:17:MET:HB3	1:B:14:TRP:HA	3	0.24
(1,217)	1:C:17:MET:HB3	1:C:14:TRP:HA	3	0.24
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	13	0.24
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	13	0.24
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	13	0.24
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	13	0.24
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	13	0.24
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	13	0.24
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	13	0.24
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	13	0.24
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	13	0.24
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	13	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	13	0.24
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	13	0.24
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	13	0.24
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	13	0.24
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	13	0.24
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	13	0.24
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	13	0.24
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	13	0.24
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	15	0.24
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	15	0.24
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	15	0.24
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	15	0.24
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	15	0.24
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	15	0.24
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	15	0.24
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	15	0.24
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	15	0.24
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	15	0.24
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	15	0.24
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	15	0.24
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	15	0.24
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	15	0.24
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	15	0.24
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	15	0.24
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	15	0.24
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	15	0.24
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	3	0.24
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	3	0.24
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	3	0.24
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	3	0.24
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	3	0.24
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	3	0.24
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	3	0.24
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	3	0.24
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	3	0.24
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	17	0.24
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	17	0.24
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	17	0.24
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	17	0.24
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	17	0.24
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	17	0.24
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	17	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	17	0.24
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	17	0.24
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	13	0.24
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	13	0.24
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	13	0.24
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	13	0.24
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	13	0.24
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	13	0.24
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	13	0.24
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	13	0.24
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	13	0.24
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	13	0.24
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	13	0.24
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	13	0.24
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	13	0.24
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	13	0.24
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	13	0.24
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	13	0.24
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	13	0.24
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	13	0.24
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	13	0.24
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	13	0.24
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	13	0.24
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	13	0.24
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	13	0.24
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	13	0.24
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	13	0.24
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	13	0.24
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	13	0.24
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	2	0.24
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	2	0.24
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	2	0.24
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	2	0.24
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	2	0.24
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	2	0.24
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	2	0.24
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	2	0.24
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	2	0.24
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	3	0.24
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	3	0.24
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	3	0.24
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	3	0.24
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	3	0.24
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	3	0.24
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	3	0.24
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	3	0.24
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	5	0.24
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	5	0.24
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	5	0.24
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	5	0.24
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	5	0.24
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	5	0.24
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	5	0.24
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	5	0.24
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	5	0.24
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	7	0.24
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	7	0.24
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	7	0.24
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	7	0.24
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	7	0.24
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	7	0.24
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	7	0.24
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	7	0.24
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	7	0.24
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	10	0.24
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	10	0.24
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	10	0.24
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	10	0.24
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	10	0.24
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	10	0.24
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	10	0.24
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	10	0.24
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	10	0.24
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	14	0.24
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	14	0.24
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	14	0.24
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	14	0.24
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	14	0.24
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	14	0.24
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	14	0.24
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	14	0.24
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	14	0.24
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	15	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	15	0.24
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	15	0.24
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	15	0.24
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	15	0.24
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	15	0.24
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	15	0.24
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	15	0.24
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	15	0.24
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	16	0.24
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	16	0.24
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	16	0.24
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	16	0.24
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	16	0.24
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	16	0.24
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	16	0.24
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	16	0.24
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	16	0.24
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	18	0.24
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	18	0.24
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	18	0.24
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	18	0.24
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	18	0.24
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	18	0.24
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	18	0.24
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	18	0.24
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	18	0.24
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	19	0.24
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	19	0.24
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	19	0.24
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	19	0.24
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	19	0.24
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	19	0.24
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	19	0.24
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	19	0.24
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	19	0.24
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	20	0.24
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	20	0.24
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	20	0.24
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	20	0.24
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	20	0.24
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	20	0.24
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	20	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	20	0.24
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	20	0.24
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	16	0.24
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	16	0.24
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	16	0.24
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	16	0.24
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	16	0.24
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	16	0.24
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	16	0.24
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	16	0.24
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	16	0.24
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	16	0.24
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	16	0.24
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	16	0.24
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	16	0.24
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	16	0.24
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	16	0.24
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	16	0.24
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	16	0.24
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	16	0.24
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	17	0.24
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	17	0.24
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	17	0.24
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	17	0.24
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	17	0.24
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	17	0.24
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	17	0.24
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	17	0.24
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	17	0.24
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	17	0.24
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	17	0.24
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	17	0.24
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	17	0.24
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	17	0.24
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	17	0.24
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	17	0.24
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	17	0.24
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	17	0.24
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG21	7	0.23
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG22	7	0.23
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG23	7	0.23
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG21	7	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG22	7	0.23
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG23	7	0.23
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG21	7	0.23
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG22	7	0.23
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG23	7	0.23
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG21	7	0.23
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG22	7	0.23
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG23	7	0.23
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG21	7	0.23
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG22	7	0.23
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG23	7	0.23
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG21	7	0.23
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG22	7	0.23
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG23	7	0.23
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG21	7	0.23
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG22	7	0.23
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG23	7	0.23
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG21	7	0.23
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG22	7	0.23
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG23	7	0.23
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG21	7	0.23
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG22	7	0.23
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG23	7	0.23
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	1	0.23
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	1	0.23
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	1	0.23
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	1	0.23
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	1	0.23
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	1	0.23
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	1	0.23
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	1	0.23
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	1	0.23
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	1	0.23
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	1	0.23
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	1	0.23
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	1	0.23
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	1	0.23
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	1	0.23
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	1	0.23
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	1	0.23
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	1	0.23
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	1	0.23
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	1	0.23
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	1	0.23
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	1	0.23
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	1	0.23
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	1	0.23
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	1	0.23
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	1	0.23
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	1	0.23
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	1	0.23
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	1	0.23
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	1	0.23
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	1	0.23
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	1	0.23
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	5	0.23
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	5	0.23
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	5	0.23
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	5	0.23
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	5	0.23
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	5	0.23
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	5	0.23
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	5	0.23
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	5	0.23
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	5	0.23
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	5	0.23
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	5	0.23
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	5	0.23
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	5	0.23
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	5	0.23
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	5	0.23
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	5	0.23
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	5	0.23
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	5	0.23
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	5	0.23
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	5	0.23
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	5	0.23
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	5	0.23
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	5	0.23
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	5	0.23
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	5	0.23
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	5	0.23
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	5	0.23
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	5	0.23
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	5	0.23
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	5	0.23
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	5	0.23
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	6	0.23
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	6	0.23
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	6	0.23
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	6	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	6	0.23
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	6	0.23
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	6	0.23
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	6	0.23
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	6	0.23
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	6	0.23
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	6	0.23
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	6	0.23
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	6	0.23
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	6	0.23
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	6	0.23
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	6	0.23
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	6	0.23
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	6	0.23
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	6	0.23
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	6	0.23
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	6	0.23
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	6	0.23
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	6	0.23
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	6	0.23
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	6	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	6	0.23
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	6	0.23
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	6	0.23
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	6	0.23
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	6	0.23
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	6	0.23
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	6	0.23
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	6	0.23
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	6	0.23
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	12	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	12	0.23
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	12	0.23
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	12	0.23
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	12	0.23
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	12	0.23
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	12	0.23
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	12	0.23
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	12	0.23
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	12	0.23
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	12	0.23
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	12	0.23
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	12	0.23
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	12	0.23
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	12	0.23
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	12	0.23
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	12	0.23
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	12	0.23
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	12	0.23
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	12	0.23
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	12	0.23
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	12	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	12	0.23
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	12	0.23
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	12	0.23
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	12	0.23
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	12	0.23
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	12	0.23
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	12	0.23
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	12	0.23
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	12	0.23
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	12	0.23
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	12	0.23
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	12	0.23
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	12	0.23
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	12	0.23
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	12	0.23
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	12	0.23
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	12	0.23
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	12	0.23
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	12	0.23
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	12	0.23
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	12	0.23
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	12	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	12	0.23
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	12	0.23
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	12	0.23
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	12	0.23
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	14	0.23
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	14	0.23
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	14	0.23
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	14	0.23
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	14	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	14	0.23
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	14	0.23
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	14	0.23
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	14	0.23
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	14	0.23
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	14	0.23
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	14	0.23
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	14	0.23
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	14	0.23
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	14	0.23
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	14	0.23
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	14	0.23
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	14	0.23
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	14	0.23
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	14	0.23
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	14	0.23
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	14	0.23
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	14	0.23
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	14	0.23
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	14	0.23
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	14	0.23
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	14	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	14	0.23
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	14	0.23
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	14	0.23
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	14	0.23
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	14	0.23
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	14	0.23
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	14	0.23
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	17	0.23
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	17	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	17	0.23
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	17	0.23
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	17	0.23
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	17	0.23
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	17	0.23
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	17	0.23
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	17	0.23
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	17	0.23
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	17	0.23
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	17	0.23
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	17	0.23
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	17	0.23
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	17	0.23
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	17	0.23
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	17	0.23
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	17	0.23
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	17	0.23
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	17	0.23
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	17	0.23
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	17	0.23
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	17	0.23
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	17	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	17	0.23
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	17	0.23
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	17	0.23
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	17	0.23
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	17	0.23
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	17	0.23
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	17	0.23
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	17	0.23
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	17	0.23
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	17	0.23
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB2	19	0.23
(1,86)	1:A:9:PHE:HD1	1:A:9:PHE:HB3	19	0.23
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB2	19	0.23
(1,86)	1:A:9:PHE:HD1	1:B:9:PHE:HB3	19	0.23
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB2	19	0.23
(1,86)	1:A:9:PHE:HD1	1:C:9:PHE:HB3	19	0.23
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB2	19	0.23
(1,86)	1:A:9:PHE:HD2	1:A:9:PHE:HB3	19	0.23
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB2	19	0.23
(1,86)	1:A:9:PHE:HD2	1:B:9:PHE:HB3	19	0.23
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB2	19	0.23
(1,86)	1:A:9:PHE:HD2	1:C:9:PHE:HB3	19	0.23
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB2	19	0.23
(1,86)	1:A:9:PHE:HE1	1:A:9:PHE:HB3	19	0.23
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB2	19	0.23
(1,86)	1:A:9:PHE:HE1	1:B:9:PHE:HB3	19	0.23
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB2	19	0.23
(1,86)	1:A:9:PHE:HE1	1:C:9:PHE:HB3	19	0.23
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB2	19	0.23
(1,86)	1:A:9:PHE:HE2	1:A:9:PHE:HB3	19	0.23
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB2	19	0.23
(1,86)	1:A:9:PHE:HE2	1:B:9:PHE:HB3	19	0.23
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB2	19	0.23
(1,86)	1:A:9:PHE:HE2	1:C:9:PHE:HB3	19	0.23
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB2	19	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:A:9:PHE:HZ	1:A:9:PHE:HB3	19	0.23
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB2	19	0.23
(1,86)	1:A:9:PHE:HZ	1:B:9:PHE:HB3	19	0.23
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB2	19	0.23
(1,86)	1:A:9:PHE:HZ	1:C:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HD1	1:A:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HD1	1:B:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HD1	1:C:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HD2	1:A:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HD2	1:B:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HD2	1:C:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HE1	1:A:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HE1	1:B:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HE1	1:C:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HE2	1:A:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HE2	1:B:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HE2	1:C:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HZ	1:A:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HZ	1:B:9:PHE:HB3	19	0.23
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB2	19	0.23
(1,86)	1:B:9:PHE:HZ	1:C:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB2	19	0.23
(1,86)	1:C:9:PHE:HD1	1:A:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB2	19	0.23
(1,86)	1:C:9:PHE:HD1	1:B:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB2	19	0.23
(1,86)	1:C:9:PHE:HD1	1:C:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB2	19	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:C:9:PHE:HD2	1:A:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB2	19	0.23
(1,86)	1:C:9:PHE:HD2	1:B:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB2	19	0.23
(1,86)	1:C:9:PHE:HD2	1:C:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB2	19	0.23
(1,86)	1:C:9:PHE:HE1	1:A:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB2	19	0.23
(1,86)	1:C:9:PHE:HE1	1:B:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB2	19	0.23
(1,86)	1:C:9:PHE:HE1	1:C:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB2	19	0.23
(1,86)	1:C:9:PHE:HE2	1:A:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB2	19	0.23
(1,86)	1:C:9:PHE:HE2	1:B:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB2	19	0.23
(1,86)	1:C:9:PHE:HE2	1:C:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB2	19	0.23
(1,86)	1:C:9:PHE:HZ	1:A:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB2	19	0.23
(1,86)	1:C:9:PHE:HZ	1:B:9:PHE:HB3	19	0.23
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB2	19	0.23
(1,86)	1:C:9:PHE:HZ	1:C:9:PHE:HB3	19	0.23
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	1	0.23
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	1	0.23
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	1	0.23
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	1	0.23
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	1	0.23
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	1	0.23
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	1	0.23
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	1	0.23
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	1	0.23
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	1	0.23
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	1	0.23
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	1	0.23
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	1	0.23
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	1	0.23
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	1	0.23
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	1	0.23
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	17	0.23
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	17	0.23
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	17	0.23
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	17	0.23
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	17	0.23
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	17	0.23
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	17	0.23
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	17	0.23
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	17	0.23
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	17	0.23
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	17	0.23
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	17	0.23
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	17	0.23
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	17	0.23
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	17	0.23
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	17	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	17	0.23
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	17	0.23
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	17	0.23
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	17	0.23
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	17	0.23
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	17	0.23
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	17	0.23
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	17	0.23
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	17	0.23
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	17	0.23
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	17	0.23
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	17	0.23
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	17	0.23
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	17	0.23
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	17	0.23
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	2	0.23
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	2	0.23
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	2	0.23
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	2	0.23
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	2	0.23
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	2	0.23
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	2	0.23
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	2	0.23
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	2	0.23
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	2	0.23
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	2	0.23
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	2	0.23
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	2	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	2	0.23
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	2	0.23
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	2	0.23
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	2	0.23
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	2	0.23
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	4	0.23
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	4	0.23
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	4	0.23
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	4	0.23
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	4	0.23
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	4	0.23
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	4	0.23
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	4	0.23
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	4	0.23
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	4	0.23
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	4	0.23
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	4	0.23
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	4	0.23
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	4	0.23
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	4	0.23
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	4	0.23
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	4	0.23
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	4	0.23
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	7	0.23
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	7	0.23
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	7	0.23
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	7	0.23
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	7	0.23
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	7	0.23
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	7	0.23
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	7	0.23
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	7	0.23
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	7	0.23
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	7	0.23
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	7	0.23
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	7	0.23
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	7	0.23
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	7	0.23
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	7	0.23
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	7	0.23
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	7	0.23
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	17	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	17	0.23
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	17	0.23
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	17	0.23
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	17	0.23
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	17	0.23
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	17	0.23
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	17	0.23
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	17	0.23
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	17	0.23
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	17	0.23
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	17	0.23
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	17	0.23
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	17	0.23
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	17	0.23
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	17	0.23
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	17	0.23
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	17	0.23
(1,33)	1:A:17:MET:HE1	1:A:18:ILE:HA	17	0.23
(1,33)	1:A:17:MET:HE1	1:B:18:ILE:HA	17	0.23
(1,33)	1:A:17:MET:HE1	1:C:18:ILE:HA	17	0.23
(1,33)	1:A:17:MET:HE2	1:A:18:ILE:HA	17	0.23
(1,33)	1:A:17:MET:HE2	1:B:18:ILE:HA	17	0.23
(1,33)	1:A:17:MET:HE2	1:C:18:ILE:HA	17	0.23
(1,33)	1:A:17:MET:HE3	1:A:18:ILE:HA	17	0.23
(1,33)	1:A:17:MET:HE3	1:B:18:ILE:HA	17	0.23
(1,33)	1:A:17:MET:HE3	1:C:18:ILE:HA	17	0.23
(1,33)	1:B:17:MET:HE1	1:A:18:ILE:HA	17	0.23
(1,33)	1:B:17:MET:HE1	1:B:18:ILE:HA	17	0.23
(1,33)	1:B:17:MET:HE1	1:C:18:ILE:HA	17	0.23
(1,33)	1:B:17:MET:HE2	1:A:18:ILE:HA	17	0.23
(1,33)	1:B:17:MET:HE2	1:B:18:ILE:HA	17	0.23
(1,33)	1:B:17:MET:HE2	1:C:18:ILE:HA	17	0.23
(1,33)	1:B:17:MET:HE3	1:A:18:ILE:HA	17	0.23
(1,33)	1:B:17:MET:HE3	1:B:18:ILE:HA	17	0.23
(1,33)	1:B:17:MET:HE3	1:C:18:ILE:HA	17	0.23
(1,33)	1:C:17:MET:HE1	1:A:18:ILE:HA	17	0.23
(1,33)	1:C:17:MET:HE1	1:B:18:ILE:HA	17	0.23
(1,33)	1:C:17:MET:HE1	1:C:18:ILE:HA	17	0.23
(1,33)	1:C:17:MET:HE2	1:A:18:ILE:HA	17	0.23
(1,33)	1:C:17:MET:HE2	1:B:18:ILE:HA	17	0.23
(1,33)	1:C:17:MET:HE2	1:C:18:ILE:HA	17	0.23
(1,33)	1:C:17:MET:HE3	1:A:18:ILE:HA	17	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:C:17:MET:HE3	1:B:18:ILE:HA	17	0.23
(1,33)	1:C:17:MET:HE3	1:C:18:ILE:HA	17	0.23
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	8	0.23
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	8	0.23
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	8	0.23
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	8	0.23
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	8	0.23
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	8	0.23
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	8	0.23
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	8	0.23
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	8	0.23
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	8	0.23
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	8	0.23
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	8	0.23
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	8	0.23
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	8	0.23
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	8	0.23
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	8	0.23
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	8	0.23
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	8	0.23
(1,278)	1:A:2:LEU:HA	1:A:6:ILE:H	7	0.23
(1,278)	1:A:2:LEU:HA	1:B:6:ILE:H	7	0.23
(1,278)	1:A:2:LEU:HA	1:C:6:ILE:H	7	0.23
(1,278)	1:B:2:LEU:HA	1:A:6:ILE:H	7	0.23
(1,278)	1:B:2:LEU:HA	1:B:6:ILE:H	7	0.23
(1,278)	1:B:2:LEU:HA	1:C:6:ILE:H	7	0.23
(1,278)	1:C:2:LEU:HA	1:A:6:ILE:H	7	0.23
(1,278)	1:C:2:LEU:HA	1:B:6:ILE:H	7	0.23
(1,278)	1:C:2:LEU:HA	1:C:6:ILE:H	7	0.23
(1,278)	1:A:2:LEU:HA	1:A:6:ILE:H	20	0.23
(1,278)	1:A:2:LEU:HA	1:B:6:ILE:H	20	0.23
(1,278)	1:A:2:LEU:HA	1:C:6:ILE:H	20	0.23
(1,278)	1:B:2:LEU:HA	1:A:6:ILE:H	20	0.23
(1,278)	1:B:2:LEU:HA	1:B:6:ILE:H	20	0.23
(1,278)	1:B:2:LEU:HA	1:C:6:ILE:H	20	0.23
(1,278)	1:C:2:LEU:HA	1:A:6:ILE:H	20	0.23
(1,278)	1:C:2:LEU:HA	1:B:6:ILE:H	20	0.23
(1,278)	1:C:2:LEU:HA	1:C:6:ILE:H	20	0.23
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	8	0.23
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	8	0.23
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	8	0.23
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	8	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	8	0.23
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	8	0.23
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	8	0.23
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	8	0.23
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	8	0.23
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	8	0.23
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	8	0.23
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	8	0.23
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	8	0.23
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	8	0.23
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	8	0.23
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	8	0.23
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	8	0.23
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	8	0.23
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	8	0.23
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	8	0.23
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	8	0.23
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	8	0.23
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	8	0.23
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	8	0.23
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	8	0.23
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	8	0.23
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	8	0.23
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	8	0.23
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	8	0.23
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	8	0.23
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	8	0.23
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	8	0.23
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	8	0.23
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	8	0.23
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	8	0.23
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	8	0.23
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	8	0.23
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	8	0.23
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	8	0.23
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	8	0.23
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	8	0.23
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	8	0.23
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	8	0.23
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	8	0.23
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	8	0.23
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	8	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	8	0.23
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	8	0.23
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	8	0.23
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	8	0.23
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	8	0.23
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	8	0.23
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	8	0.23
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	8	0.23
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	18	0.23
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	18	0.23
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	18	0.23
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	18	0.23
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	18	0.23
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	18	0.23
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	18	0.23
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	18	0.23
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	18	0.23
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	18	0.23
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	18	0.23
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	18	0.23
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	18	0.23
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	18	0.23
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	18	0.23
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	18	0.23
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	18	0.23
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	18	0.23
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	18	0.23
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	18	0.23
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	18	0.23
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	18	0.23
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	18	0.23
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	18	0.23
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	18	0.23
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	18	0.23
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	18	0.23
(1,220)	1:A:18:ILE:HB	1:A:15:THR:HA	4	0.23
(1,220)	1:A:18:ILE:HB	1:B:15:THR:HA	4	0.23
(1,220)	1:A:18:ILE:HB	1:C:15:THR:HA	4	0.23
(1,220)	1:B:18:ILE:HB	1:A:15:THR:HA	4	0.23
(1,220)	1:B:18:ILE:HB	1:B:15:THR:HA	4	0.23
(1,220)	1:B:18:ILE:HB	1:C:15:THR:HA	4	0.23
(1,220)	1:C:18:ILE:HB	1:A:15:THR:HA	4	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,220)	1:C:18:ILE:HB	1:B:15:THR:HA	4	0.23
(1,220)	1:C:18:ILE:HB	1:C:15:THR:HA	4	0.23
(1,220)	1:A:18:ILE:HB	1:A:15:THR:HA	7	0.23
(1,220)	1:A:18:ILE:HB	1:B:15:THR:HA	7	0.23
(1,220)	1:A:18:ILE:HB	1:C:15:THR:HA	7	0.23
(1,220)	1:B:18:ILE:HB	1:A:15:THR:HA	7	0.23
(1,220)	1:B:18:ILE:HB	1:B:15:THR:HA	7	0.23
(1,220)	1:B:18:ILE:HB	1:C:15:THR:HA	7	0.23
(1,220)	1:C:18:ILE:HB	1:A:15:THR:HA	7	0.23
(1,220)	1:C:18:ILE:HB	1:B:15:THR:HA	7	0.23
(1,220)	1:C:18:ILE:HB	1:C:15:THR:HA	7	0.23
(1,217)	1:A:17:MET:HB2	1:A:14:TRP:HA	5	0.23
(1,217)	1:A:17:MET:HB2	1:B:14:TRP:HA	5	0.23
(1,217)	1:A:17:MET:HB2	1:C:14:TRP:HA	5	0.23
(1,217)	1:A:17:MET:HB3	1:A:14:TRP:HA	5	0.23
(1,217)	1:A:17:MET:HB3	1:B:14:TRP:HA	5	0.23
(1,217)	1:A:17:MET:HB3	1:C:14:TRP:HA	5	0.23
(1,217)	1:B:17:MET:HB2	1:A:14:TRP:HA	5	0.23
(1,217)	1:B:17:MET:HB2	1:B:14:TRP:HA	5	0.23
(1,217)	1:B:17:MET:HB2	1:C:14:TRP:HA	5	0.23
(1,217)	1:B:17:MET:HB3	1:A:14:TRP:HA	5	0.23
(1,217)	1:B:17:MET:HB3	1:B:14:TRP:HA	5	0.23
(1,217)	1:B:17:MET:HB3	1:C:14:TRP:HA	5	0.23
(1,217)	1:C:17:MET:HB2	1:A:14:TRP:HA	5	0.23
(1,217)	1:C:17:MET:HB2	1:B:14:TRP:HA	5	0.23
(1,217)	1:C:17:MET:HB2	1:C:14:TRP:HA	5	0.23
(1,217)	1:C:17:MET:HB3	1:A:14:TRP:HA	5	0.23
(1,217)	1:C:17:MET:HB3	1:B:14:TRP:HA	5	0.23
(1,217)	1:C:17:MET:HB3	1:C:14:TRP:HA	5	0.23
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	14	0.23
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	14	0.23
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	14	0.23
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	14	0.23
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	14	0.23
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	14	0.23
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	14	0.23
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	14	0.23
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	14	0.23
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	3	0.23
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	3	0.23
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	3	0.23
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	3	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	3	0.23
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	3	0.23
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	3	0.23
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	3	0.23
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	3	0.23
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	14	0.23
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	14	0.23
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	14	0.23
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	14	0.23
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	14	0.23
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	14	0.23
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	14	0.23
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	14	0.23
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	14	0.23
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	5	0.23
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	5	0.23
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	5	0.23
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	5	0.23
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	5	0.23
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	5	0.23
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	5	0.23
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	5	0.23
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	5	0.23
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	5	0.23
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	5	0.23
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	5	0.23
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	5	0.23
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	5	0.23
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	5	0.23
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	5	0.23
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	5	0.23
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	5	0.23
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	1	0.23
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	1	0.23
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	1	0.23
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	1	0.23
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	1	0.23
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	1	0.23
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	1	0.23
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	1	0.23
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	1	0.23
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	4	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	4	0.23
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	4	0.23
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	4	0.23
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	4	0.23
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	4	0.23
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	4	0.23
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	4	0.23
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	4	0.23
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	6	0.23
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	6	0.23
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	6	0.23
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	6	0.23
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	6	0.23
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	6	0.23
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	6	0.23
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	6	0.23
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	6	0.23
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	9	0.23
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	9	0.23
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	9	0.23
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	9	0.23
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	9	0.23
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	9	0.23
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	9	0.23
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	9	0.23
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	9	0.23
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	12	0.23
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	12	0.23
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	12	0.23
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	12	0.23
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	12	0.23
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	12	0.23
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	12	0.23
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	12	0.23
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	12	0.23
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	13	0.23
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	13	0.23
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	13	0.23
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	13	0.23
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	13	0.23
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	13	0.23
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	13	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	13	0.23
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	13	0.23
(1,106)	1:A:2:LEU:HA	1:A:3:PHE:H	17	0.23
(1,106)	1:A:2:LEU:HA	1:B:3:PHE:H	17	0.23
(1,106)	1:A:2:LEU:HA	1:C:3:PHE:H	17	0.23
(1,106)	1:B:2:LEU:HA	1:A:3:PHE:H	17	0.23
(1,106)	1:B:2:LEU:HA	1:B:3:PHE:H	17	0.23
(1,106)	1:B:2:LEU:HA	1:C:3:PHE:H	17	0.23
(1,106)	1:C:2:LEU:HA	1:A:3:PHE:H	17	0.23
(1,106)	1:C:2:LEU:HA	1:B:3:PHE:H	17	0.23
(1,106)	1:C:2:LEU:HA	1:C:3:PHE:H	17	0.23
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	7	0.22
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	7	0.22
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	7	0.22
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	7	0.22
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	7	0.22
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	7	0.22
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	7	0.22
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	7	0.22
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	7	0.22
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	7	0.22
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	7	0.22
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	7	0.22
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	7	0.22
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	7	0.22
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	7	0.22
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	7	0.22
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	7	0.22
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	7	0.22
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	11	0.22
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	11	0.22
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	11	0.22
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	11	0.22
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	11	0.22
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	11	0.22
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	11	0.22
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	11	0.22
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	11	0.22
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	11	0.22
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	11	0.22
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	11	0.22
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	11	0.22
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	11	0.22
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	11	0.22
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	11	0.22
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	11	0.22
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	8	0.22
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	8	0.22
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	8	0.22
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	8	0.22
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	8	0.22
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	8	0.22
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	8	0.22
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	8	0.22
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	8	0.22
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	19	0.22
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	19	0.22
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	19	0.22
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	19	0.22
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	19	0.22
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	19	0.22
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	19	0.22
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	19	0.22
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	19	0.22
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	19	0.22
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	19	0.22
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	19	0.22
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	19	0.22
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	19	0.22
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	19	0.22
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	19	0.22
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	19	0.22
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	19	0.22
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	19	0.22
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	19	0.22
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	19	0.22
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	19	0.22
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	19	0.22
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	19	0.22
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	19	0.22
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	19	0.22
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	19	0.22
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	19	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	19	0.22
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	19	0.22
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	19	0.22
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	19	0.22
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	19	0.22
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	19	0.22
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	19	0.22
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	19	0.22
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	19	0.22
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	19	0.22
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	19	0.22
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	19	0.22
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	10	0.22
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	10	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	10	0.22
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	10	0.22
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	10	0.22
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	10	0.22
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	10	0.22
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	10	0.22
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	10	0.22
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	10	0.22
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	10	0.22
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	10	0.22
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	10	0.22
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	10	0.22
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	10	0.22
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	10	0.22
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	10	0.22
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	13	0.22
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	13	0.22
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	13	0.22
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	13	0.22
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	13	0.22
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	13	0.22
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	13	0.22
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	13	0.22
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	13	0.22
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	13	0.22
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	13	0.22
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	13	0.22
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	13	0.22
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	13	0.22
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	13	0.22
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	13	0.22
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	8	0.22
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	8	0.22
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	8	0.22
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	8	0.22
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	8	0.22
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	8	0.22
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	8	0.22
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	8	0.22
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	8	0.22
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	8	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	8	0.22
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	8	0.22
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	8	0.22
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	8	0.22
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	8	0.22
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	8	0.22
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	8	0.22
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	8	0.22
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	8	0.22
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	8	0.22
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	8	0.22
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	8	0.22
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	8	0.22
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	8	0.22
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	8	0.22
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	8	0.22
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	8	0.22
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	8	0.22
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	8	0.22
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	8	0.22
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	8	0.22
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	8	0.22
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	8	0.22
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	8	0.22
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	8	0.22
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	8	0.22
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	8	0.22
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	8	0.22
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	8	0.22
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	8	0.22
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	8	0.22
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	8	0.22
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	8	0.22
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	8	0.22
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	8	0.22
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	8	0.22
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	8	0.22
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	8	0.22
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	8	0.22
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	8	0.22
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	8	0.22
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	8	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	8	0.22
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	8	0.22
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	20	0.22
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	20	0.22
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	20	0.22
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	20	0.22
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	20	0.22
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	20	0.22
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	20	0.22
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	20	0.22
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	20	0.22
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	20	0.22
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	20	0.22
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	20	0.22
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	20	0.22
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	20	0.22
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	20	0.22
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	20	0.22
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	20	0.22
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	20	0.22
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	20	0.22
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	20	0.22
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	20	0.22
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	20	0.22
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	20	0.22
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	20	0.22
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	20	0.22
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	20	0.22
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	20	0.22
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	20	0.22
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	20	0.22
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	20	0.22
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	20	0.22
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	20	0.22
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	20	0.22
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	20	0.22
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	20	0.22
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	20	0.22
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	20	0.22
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	20	0.22
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	20	0.22
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	20	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	20	0.22
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	20	0.22
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	20	0.22
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	20	0.22
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	20	0.22
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	20	0.22
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	20	0.22
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	20	0.22
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	20	0.22
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	20	0.22
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	20	0.22
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	20	0.22
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	20	0.22
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	20	0.22
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	5	0.22
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	5	0.22
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	5	0.22
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	5	0.22
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	5	0.22
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	5	0.22
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	5	0.22
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	5	0.22
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	5	0.22
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	5	0.22
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	5	0.22
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	5	0.22
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	5	0.22
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	5	0.22
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	5	0.22
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	5	0.22
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	5	0.22
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	5	0.22
(1,309)	1:A:5:ALA:HB1	1:A:21:TRP:HE3	4	0.22
(1,309)	1:A:5:ALA:HB1	1:B:21:TRP:HE3	4	0.22
(1,309)	1:A:5:ALA:HB1	1:C:21:TRP:HE3	4	0.22
(1,309)	1:A:5:ALA:HB2	1:A:21:TRP:HE3	4	0.22
(1,309)	1:A:5:ALA:HB2	1:B:21:TRP:HE3	4	0.22
(1,309)	1:A:5:ALA:HB2	1:C:21:TRP:HE3	4	0.22
(1,309)	1:A:5:ALA:HB3	1:A:21:TRP:HE3	4	0.22
(1,309)	1:A:5:ALA:HB3	1:B:21:TRP:HE3	4	0.22
(1,309)	1:A:5:ALA:HB3	1:C:21:TRP:HE3	4	0.22
(1,309)	1:B:5:ALA:HB1	1:A:21:TRP:HE3	4	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,309)	1:B:5:ALA:HB1	1:B:21:TRP:HE3	4	0.22
(1,309)	1:B:5:ALA:HB1	1:C:21:TRP:HE3	4	0.22
(1,309)	1:B:5:ALA:HB2	1:A:21:TRP:HE3	4	0.22
(1,309)	1:B:5:ALA:HB2	1:B:21:TRP:HE3	4	0.22
(1,309)	1:B:5:ALA:HB2	1:C:21:TRP:HE3	4	0.22
(1,309)	1:B:5:ALA:HB3	1:A:21:TRP:HE3	4	0.22
(1,309)	1:B:5:ALA:HB3	1:B:21:TRP:HE3	4	0.22
(1,309)	1:B:5:ALA:HB3	1:C:21:TRP:HE3	4	0.22
(1,309)	1:C:5:ALA:HB1	1:A:21:TRP:HE3	4	0.22
(1,309)	1:C:5:ALA:HB1	1:B:21:TRP:HE3	4	0.22
(1,309)	1:C:5:ALA:HB1	1:C:21:TRP:HE3	4	0.22
(1,309)	1:C:5:ALA:HB2	1:A:21:TRP:HE3	4	0.22
(1,309)	1:C:5:ALA:HB2	1:B:21:TRP:HE3	4	0.22
(1,309)	1:C:5:ALA:HB2	1:C:21:TRP:HE3	4	0.22
(1,309)	1:C:5:ALA:HB3	1:A:21:TRP:HE3	4	0.22
(1,309)	1:C:5:ALA:HB3	1:B:21:TRP:HE3	4	0.22
(1,309)	1:C:5:ALA:HB3	1:C:21:TRP:HE3	4	0.22
(1,278)	1:A:2:LEU:HA	1:A:6:ILE:H	19	0.22
(1,278)	1:A:2:LEU:HA	1:B:6:ILE:H	19	0.22
(1,278)	1:A:2:LEU:HA	1:C:6:ILE:H	19	0.22
(1,278)	1:B:2:LEU:HA	1:A:6:ILE:H	19	0.22
(1,278)	1:B:2:LEU:HA	1:B:6:ILE:H	19	0.22
(1,278)	1:B:2:LEU:HA	1:C:6:ILE:H	19	0.22
(1,278)	1:C:2:LEU:HA	1:A:6:ILE:H	19	0.22
(1,278)	1:C:2:LEU:HA	1:B:6:ILE:H	19	0.22
(1,278)	1:C:2:LEU:HA	1:C:6:ILE:H	19	0.22
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	4	0.22
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	4	0.22
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	4	0.22
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	4	0.22
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	4	0.22
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	4	0.22
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	4	0.22
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	4	0.22
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	4	0.22
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	4	0.22
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	4	0.22
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	4	0.22
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	4	0.22
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	4	0.22
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	4	0.22
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	4	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	4	0.22
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	4	0.22
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	4	0.22
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	4	0.22
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	4	0.22
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	4	0.22
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	4	0.22
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	4	0.22
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	4	0.22
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	4	0.22
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	4	0.22
(1,256)	1:A:14:TRP:HZ3	1:A:17:MET:HE1	5	0.22
(1,256)	1:A:14:TRP:HZ3	1:A:17:MET:HE2	5	0.22
(1,256)	1:A:14:TRP:HZ3	1:A:17:MET:HE3	5	0.22
(1,256)	1:A:14:TRP:HZ3	1:B:17:MET:HE1	5	0.22
(1,256)	1:A:14:TRP:HZ3	1:B:17:MET:HE2	5	0.22
(1,256)	1:A:14:TRP:HZ3	1:B:17:MET:HE3	5	0.22
(1,256)	1:A:14:TRP:HZ3	1:C:17:MET:HE1	5	0.22
(1,256)	1:A:14:TRP:HZ3	1:C:17:MET:HE2	5	0.22
(1,256)	1:A:14:TRP:HZ3	1:C:17:MET:HE3	5	0.22
(1,256)	1:B:14:TRP:HZ3	1:A:17:MET:HE1	5	0.22
(1,256)	1:B:14:TRP:HZ3	1:A:17:MET:HE2	5	0.22
(1,256)	1:B:14:TRP:HZ3	1:A:17:MET:HE3	5	0.22
(1,256)	1:B:14:TRP:HZ3	1:B:17:MET:HE1	5	0.22
(1,256)	1:B:14:TRP:HZ3	1:B:17:MET:HE2	5	0.22
(1,256)	1:B:14:TRP:HZ3	1:B:17:MET:HE3	5	0.22
(1,256)	1:B:14:TRP:HZ3	1:C:17:MET:HE1	5	0.22
(1,256)	1:B:14:TRP:HZ3	1:C:17:MET:HE2	5	0.22
(1,256)	1:B:14:TRP:HZ3	1:C:17:MET:HE3	5	0.22
(1,256)	1:C:14:TRP:HZ3	1:A:17:MET:HE1	5	0.22
(1,256)	1:C:14:TRP:HZ3	1:A:17:MET:HE2	5	0.22
(1,256)	1:C:14:TRP:HZ3	1:A:17:MET:HE3	5	0.22
(1,256)	1:C:14:TRP:HZ3	1:B:17:MET:HE1	5	0.22
(1,256)	1:C:14:TRP:HZ3	1:B:17:MET:HE2	5	0.22
(1,256)	1:C:14:TRP:HZ3	1:B:17:MET:HE3	5	0.22
(1,256)	1:C:14:TRP:HZ3	1:C:17:MET:HE1	5	0.22
(1,256)	1:C:14:TRP:HZ3	1:C:17:MET:HE2	5	0.22
(1,256)	1:C:14:TRP:HZ3	1:C:17:MET:HE3	5	0.22
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	14	0.22
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	14	0.22
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	14	0.22
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	14	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	14	0.22
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	14	0.22
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	14	0.22
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	14	0.22
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	14	0.22
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	14	0.22
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	14	0.22
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	14	0.22
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	14	0.22
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	14	0.22
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	14	0.22
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	14	0.22
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	14	0.22
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	14	0.22
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	14	0.22
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	14	0.22
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	14	0.22
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	14	0.22
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	14	0.22
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	14	0.22
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	14	0.22
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	14	0.22
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	14	0.22
(1,217)	1:A:17:MET:HB2	1:A:14:TRP:HA	14	0.22
(1,217)	1:A:17:MET:HB2	1:B:14:TRP:HA	14	0.22
(1,217)	1:A:17:MET:HB2	1:C:14:TRP:HA	14	0.22
(1,217)	1:A:17:MET:HB3	1:A:14:TRP:HA	14	0.22
(1,217)	1:A:17:MET:HB3	1:B:14:TRP:HA	14	0.22
(1,217)	1:A:17:MET:HB3	1:C:14:TRP:HA	14	0.22
(1,217)	1:B:17:MET:HB2	1:A:14:TRP:HA	14	0.22
(1,217)	1:B:17:MET:HB2	1:B:14:TRP:HA	14	0.22
(1,217)	1:B:17:MET:HB2	1:C:14:TRP:HA	14	0.22
(1,217)	1:B:17:MET:HB3	1:A:14:TRP:HA	14	0.22
(1,217)	1:B:17:MET:HB3	1:B:14:TRP:HA	14	0.22
(1,217)	1:B:17:MET:HB3	1:C:14:TRP:HA	14	0.22
(1,217)	1:C:17:MET:HB2	1:A:14:TRP:HA	14	0.22
(1,217)	1:C:17:MET:HB2	1:B:14:TRP:HA	14	0.22
(1,217)	1:C:17:MET:HB2	1:C:14:TRP:HA	14	0.22
(1,217)	1:C:17:MET:HB3	1:A:14:TRP:HA	14	0.22
(1,217)	1:C:17:MET:HB3	1:B:14:TRP:HA	14	0.22
(1,217)	1:C:17:MET:HB3	1:C:14:TRP:HA	14	0.22
(1,217)	1:A:17:MET:HB2	1:A:14:TRP:HA	19	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,217)	1:A:17:MET:HB2	1:B:14:TRP:HA	19	0.22
(1,217)	1:A:17:MET:HB2	1:C:14:TRP:HA	19	0.22
(1,217)	1:A:17:MET:HB3	1:A:14:TRP:HA	19	0.22
(1,217)	1:A:17:MET:HB3	1:B:14:TRP:HA	19	0.22
(1,217)	1:A:17:MET:HB3	1:C:14:TRP:HA	19	0.22
(1,217)	1:B:17:MET:HB2	1:A:14:TRP:HA	19	0.22
(1,217)	1:B:17:MET:HB2	1:B:14:TRP:HA	19	0.22
(1,217)	1:B:17:MET:HB2	1:C:14:TRP:HA	19	0.22
(1,217)	1:B:17:MET:HB3	1:A:14:TRP:HA	19	0.22
(1,217)	1:B:17:MET:HB3	1:B:14:TRP:HA	19	0.22
(1,217)	1:B:17:MET:HB3	1:C:14:TRP:HA	19	0.22
(1,217)	1:C:17:MET:HB2	1:A:14:TRP:HA	19	0.22
(1,217)	1:C:17:MET:HB2	1:B:14:TRP:HA	19	0.22
(1,217)	1:C:17:MET:HB2	1:C:14:TRP:HA	19	0.22
(1,217)	1:C:17:MET:HB3	1:A:14:TRP:HA	19	0.22
(1,217)	1:C:17:MET:HB3	1:B:14:TRP:HA	19	0.22
(1,217)	1:C:17:MET:HB3	1:C:14:TRP:HA	19	0.22
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	7	0.22
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	7	0.22
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	7	0.22
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	7	0.22
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	7	0.22
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	7	0.22
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	7	0.22
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	7	0.22
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	7	0.22
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	11	0.22
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	11	0.22
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	11	0.22
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	11	0.22
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	11	0.22
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	11	0.22
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	11	0.22
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	11	0.22
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	11	0.22
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	4	0.22
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	4	0.22
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	4	0.22
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	4	0.22
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	4	0.22
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	4	0.22
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	4	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	4	0.22
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	4	0.22
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	5	0.22
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	5	0.22
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	5	0.22
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	5	0.22
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	5	0.22
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	5	0.22
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	5	0.22
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	5	0.22
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	5	0.22
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	6	0.22
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	6	0.22
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	6	0.22
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	6	0.22
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	6	0.22
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	6	0.22
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	6	0.22
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	6	0.22
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	6	0.22
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	6	0.22
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	6	0.22
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	6	0.22
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	6	0.22
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	6	0.22
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	6	0.22
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	6	0.22
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	6	0.22
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	6	0.22
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	7	0.22
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	7	0.22
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	7	0.22
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	7	0.22
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	7	0.22
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	7	0.22
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	7	0.22
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	7	0.22
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	7	0.22
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	7	0.22
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	7	0.22
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	7	0.22
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	7	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	7	0.22
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	7	0.22
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	7	0.22
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	7	0.22
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	7	0.22
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG21	2	0.21
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG22	2	0.21
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG23	2	0.21
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG21	2	0.21
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG22	2	0.21
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG23	2	0.21
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG21	2	0.21
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG22	2	0.21
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG23	2	0.21
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG21	2	0.21
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG22	2	0.21
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG23	2	0.21
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG21	2	0.21
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG22	2	0.21
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG23	2	0.21
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG21	2	0.21
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG22	2	0.21
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG23	2	0.21
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG21	2	0.21
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG22	2	0.21
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG23	2	0.21
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG21	2	0.21
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG22	2	0.21
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG23	2	0.21
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG21	2	0.21
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG22	2	0.21
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG23	2	0.21
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	14	0.21
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	14	0.21
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	14	0.21
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	14	0.21
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	14	0.21
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	14	0.21
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	14	0.21
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	14	0.21
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	14	0.21
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	14	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	14	0.21
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	14	0.21
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	14	0.21
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	14	0.21
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	14	0.21
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	14	0.21
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	14	0.21
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	14	0.21
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	14	0.21
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	14	0.21
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	14	0.21
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	14	0.21
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	14	0.21
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	14	0.21
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	14	0.21
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	14	0.21
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	14	0.21
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	14	0.21
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	14	0.21
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	14	0.21
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	14	0.21
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	14	0.21
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	14	0.21
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	14	0.21
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	14	0.21
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	14	0.21
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	14	0.21
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	14	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	14	0.21
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	14	0.21
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	10	0.21
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	10	0.21
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	10	0.21
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	10	0.21
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	10	0.21
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	10	0.21
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	10	0.21
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	10	0.21
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	10	0.21
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	10	0.21
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	10	0.21
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	10	0.21
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	10	0.21
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	10	0.21
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	10	0.21
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	10	0.21
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	10	0.21
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	10	0.21
(1,34)	1:A:17:MET:HG2	1:A:17:MET:HA	11	0.21
(1,34)	1:A:17:MET:HG2	1:B:17:MET:HA	11	0.21
(1,34)	1:A:17:MET:HG2	1:C:17:MET:HA	11	0.21
(1,34)	1:A:17:MET:HG3	1:A:17:MET:HA	11	0.21
(1,34)	1:A:17:MET:HG3	1:B:17:MET:HA	11	0.21
(1,34)	1:A:17:MET:HG3	1:C:17:MET:HA	11	0.21
(1,34)	1:B:17:MET:HG2	1:A:17:MET:HA	11	0.21
(1,34)	1:B:17:MET:HG2	1:B:17:MET:HA	11	0.21
(1,34)	1:B:17:MET:HG2	1:C:17:MET:HA	11	0.21
(1,34)	1:B:17:MET:HG3	1:A:17:MET:HA	11	0.21
(1,34)	1:B:17:MET:HG3	1:B:17:MET:HA	11	0.21
(1,34)	1:B:17:MET:HG3	1:C:17:MET:HA	11	0.21
(1,34)	1:C:17:MET:HG2	1:A:17:MET:HA	11	0.21
(1,34)	1:C:17:MET:HG2	1:B:17:MET:HA	11	0.21
(1,34)	1:C:17:MET:HG2	1:C:17:MET:HA	11	0.21
(1,34)	1:C:17:MET:HG3	1:A:17:MET:HA	11	0.21
(1,34)	1:C:17:MET:HG3	1:B:17:MET:HA	11	0.21
(1,34)	1:C:17:MET:HG3	1:C:17:MET:HA	11	0.21
(1,33)	1:A:17:MET:HE1	1:A:18:ILE:HA	4	0.21
(1,33)	1:A:17:MET:HE1	1:B:18:ILE:HA	4	0.21
(1,33)	1:A:17:MET:HE1	1:C:18:ILE:HA	4	0.21
(1,33)	1:A:17:MET:HE2	1:A:18:ILE:HA	4	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:A:17:MET:HE2	1:B:18:ILE:HA	4	0.21
(1,33)	1:A:17:MET:HE2	1:C:18:ILE:HA	4	0.21
(1,33)	1:A:17:MET:HE3	1:A:18:ILE:HA	4	0.21
(1,33)	1:A:17:MET:HE3	1:B:18:ILE:HA	4	0.21
(1,33)	1:A:17:MET:HE3	1:C:18:ILE:HA	4	0.21
(1,33)	1:B:17:MET:HE1	1:A:18:ILE:HA	4	0.21
(1,33)	1:B:17:MET:HE1	1:B:18:ILE:HA	4	0.21
(1,33)	1:B:17:MET:HE1	1:C:18:ILE:HA	4	0.21
(1,33)	1:B:17:MET:HE2	1:A:18:ILE:HA	4	0.21
(1,33)	1:B:17:MET:HE2	1:B:18:ILE:HA	4	0.21
(1,33)	1:B:17:MET:HE2	1:C:18:ILE:HA	4	0.21
(1,33)	1:B:17:MET:HE3	1:A:18:ILE:HA	4	0.21
(1,33)	1:B:17:MET:HE3	1:B:18:ILE:HA	4	0.21
(1,33)	1:B:17:MET:HE3	1:C:18:ILE:HA	4	0.21
(1,33)	1:C:17:MET:HE1	1:A:18:ILE:HA	4	0.21
(1,33)	1:C:17:MET:HE1	1:B:18:ILE:HA	4	0.21
(1,33)	1:C:17:MET:HE1	1:C:18:ILE:HA	4	0.21
(1,33)	1:C:17:MET:HE2	1:A:18:ILE:HA	4	0.21
(1,33)	1:C:17:MET:HE2	1:B:18:ILE:HA	4	0.21
(1,33)	1:C:17:MET:HE2	1:C:18:ILE:HA	4	0.21
(1,33)	1:C:17:MET:HE3	1:A:18:ILE:HA	4	0.21
(1,33)	1:C:17:MET:HE3	1:B:18:ILE:HA	4	0.21
(1,33)	1:C:17:MET:HE3	1:C:18:ILE:HA	4	0.21
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	14	0.21
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	14	0.21
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	14	0.21
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	14	0.21
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	14	0.21
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	14	0.21
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	14	0.21
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	14	0.21
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	14	0.21
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	14	0.21
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	14	0.21
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	14	0.21
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	14	0.21
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	14	0.21
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	14	0.21
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	14	0.21
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	14	0.21
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	14	0.21
(1,309)	1:A:5:ALA:HB1	1:A:21:TRP:HE3	19	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,309)	1:A:5:ALA:HB1	1:B:21:TRP:HE3	19	0.21
(1,309)	1:A:5:ALA:HB1	1:C:21:TRP:HE3	19	0.21
(1,309)	1:A:5:ALA:HB2	1:A:21:TRP:HE3	19	0.21
(1,309)	1:A:5:ALA:HB2	1:B:21:TRP:HE3	19	0.21
(1,309)	1:A:5:ALA:HB2	1:C:21:TRP:HE3	19	0.21
(1,309)	1:A:5:ALA:HB3	1:A:21:TRP:HE3	19	0.21
(1,309)	1:A:5:ALA:HB3	1:B:21:TRP:HE3	19	0.21
(1,309)	1:A:5:ALA:HB3	1:C:21:TRP:HE3	19	0.21
(1,309)	1:B:5:ALA:HB1	1:A:21:TRP:HE3	19	0.21
(1,309)	1:B:5:ALA:HB1	1:B:21:TRP:HE3	19	0.21
(1,309)	1:B:5:ALA:HB1	1:C:21:TRP:HE3	19	0.21
(1,309)	1:B:5:ALA:HB2	1:A:21:TRP:HE3	19	0.21
(1,309)	1:B:5:ALA:HB2	1:B:21:TRP:HE3	19	0.21
(1,309)	1:B:5:ALA:HB2	1:C:21:TRP:HE3	19	0.21
(1,309)	1:B:5:ALA:HB3	1:A:21:TRP:HE3	19	0.21
(1,309)	1:B:5:ALA:HB3	1:B:21:TRP:HE3	19	0.21
(1,309)	1:B:5:ALA:HB3	1:C:21:TRP:HE3	19	0.21
(1,309)	1:C:5:ALA:HB1	1:A:21:TRP:HE3	19	0.21
(1,309)	1:C:5:ALA:HB1	1:B:21:TRP:HE3	19	0.21
(1,309)	1:C:5:ALA:HB1	1:C:21:TRP:HE3	19	0.21
(1,309)	1:C:5:ALA:HB2	1:A:21:TRP:HE3	19	0.21
(1,309)	1:C:5:ALA:HB2	1:B:21:TRP:HE3	19	0.21
(1,309)	1:C:5:ALA:HB2	1:C:21:TRP:HE3	19	0.21
(1,309)	1:C:5:ALA:HB3	1:A:21:TRP:HE3	19	0.21
(1,309)	1:C:5:ALA:HB3	1:B:21:TRP:HE3	19	0.21
(1,309)	1:C:5:ALA:HB3	1:C:21:TRP:HE3	19	0.21
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	11	0.21
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	11	0.21
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	11	0.21
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	11	0.21
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	11	0.21
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	11	0.21
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	11	0.21
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	11	0.21
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	11	0.21
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	11	0.21
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	11	0.21
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	11	0.21
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	11	0.21
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	11	0.21
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	11	0.21
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	11	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	11	0.21
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	11	0.21
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	11	0.21
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	11	0.21
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	11	0.21
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	11	0.21
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	11	0.21
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	11	0.21
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	11	0.21
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	11	0.21
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	11	0.21
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	11	0.21
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	11	0.21
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	11	0.21
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	11	0.21
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	11	0.21
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	11	0.21
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	11	0.21
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	11	0.21
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	11	0.21
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	11	0.21
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	11	0.21
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	11	0.21
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	11	0.21
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	11	0.21
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	11	0.21
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	11	0.21
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	11	0.21
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	11	0.21
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	11	0.21
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	11	0.21
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	11	0.21
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	11	0.21
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	11	0.21
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	11	0.21
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	11	0.21
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	11	0.21
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	11	0.21
(1,295)	1:A:5:ALA:HB1	1:A:21:TRP:HA	5	0.21
(1,295)	1:A:5:ALA:HB1	1:B:21:TRP:HA	5	0.21
(1,295)	1:A:5:ALA:HB1	1:C:21:TRP:HA	5	0.21
(1,295)	1:A:5:ALA:HB2	1:A:21:TRP:HA	5	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,295)	1:A:5:ALA:HB2	1:B:21:TRP:HA	5	0.21
(1,295)	1:A:5:ALA:HB2	1:C:21:TRP:HA	5	0.21
(1,295)	1:A:5:ALA:HB3	1:A:21:TRP:HA	5	0.21
(1,295)	1:A:5:ALA:HB3	1:B:21:TRP:HA	5	0.21
(1,295)	1:A:5:ALA:HB3	1:C:21:TRP:HA	5	0.21
(1,295)	1:B:5:ALA:HB1	1:A:21:TRP:HA	5	0.21
(1,295)	1:B:5:ALA:HB1	1:B:21:TRP:HA	5	0.21
(1,295)	1:B:5:ALA:HB1	1:C:21:TRP:HA	5	0.21
(1,295)	1:B:5:ALA:HB2	1:A:21:TRP:HA	5	0.21
(1,295)	1:B:5:ALA:HB2	1:B:21:TRP:HA	5	0.21
(1,295)	1:B:5:ALA:HB2	1:C:21:TRP:HA	5	0.21
(1,295)	1:B:5:ALA:HB3	1:A:21:TRP:HA	5	0.21
(1,295)	1:B:5:ALA:HB3	1:B:21:TRP:HA	5	0.21
(1,295)	1:B:5:ALA:HB3	1:C:21:TRP:HA	5	0.21
(1,295)	1:C:5:ALA:HB1	1:A:21:TRP:HA	5	0.21
(1,295)	1:C:5:ALA:HB1	1:B:21:TRP:HA	5	0.21
(1,295)	1:C:5:ALA:HB1	1:C:21:TRP:HA	5	0.21
(1,295)	1:C:5:ALA:HB2	1:A:21:TRP:HA	5	0.21
(1,295)	1:C:5:ALA:HB2	1:B:21:TRP:HA	5	0.21
(1,295)	1:C:5:ALA:HB2	1:C:21:TRP:HA	5	0.21
(1,295)	1:C:5:ALA:HB3	1:A:21:TRP:HA	5	0.21
(1,295)	1:C:5:ALA:HB3	1:B:21:TRP:HA	5	0.21
(1,295)	1:C:5:ALA:HB3	1:C:21:TRP:HA	5	0.21
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	12	0.21
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	12	0.21
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	12	0.21
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	12	0.21
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	12	0.21
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	12	0.21
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	12	0.21
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	12	0.21
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	12	0.21
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	12	0.21
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	12	0.21
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	12	0.21
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	12	0.21
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	12	0.21
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	12	0.21
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	12	0.21
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	12	0.21
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	12	0.21
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	12	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	12	0.21
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	12	0.21
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	12	0.21
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	12	0.21
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	12	0.21
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	12	0.21
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	12	0.21
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	12	0.21
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	12	0.21
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	12	0.21
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	12	0.21
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	12	0.21
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	12	0.21
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	12	0.21
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	12	0.21
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	12	0.21
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	12	0.21
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	12	0.21
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	12	0.21
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	12	0.21
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	12	0.21
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	12	0.21
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	12	0.21
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	12	0.21
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	12	0.21
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	12	0.21
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	12	0.21
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	12	0.21
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	12	0.21
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	12	0.21
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	12	0.21
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	12	0.21
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	12	0.21
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	12	0.21
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	12	0.21
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	17	0.21
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	17	0.21
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	17	0.21
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	17	0.21
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	17	0.21
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	17	0.21
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	17	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	17	0.21
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	17	0.21
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	17	0.21
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	17	0.21
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	17	0.21
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	17	0.21
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	17	0.21
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	17	0.21
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	17	0.21
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	17	0.21
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	17	0.21
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	17	0.21
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	17	0.21
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	17	0.21
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	17	0.21
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	17	0.21
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	17	0.21
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	17	0.21
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	17	0.21
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	17	0.21
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	17	0.21
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	17	0.21
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	17	0.21
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	17	0.21
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	17	0.21
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	17	0.21
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	17	0.21
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	17	0.21
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	17	0.21
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	17	0.21
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	17	0.21
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	17	0.21
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	17	0.21
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	17	0.21
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	17	0.21
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	17	0.21
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	17	0.21
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	17	0.21
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	17	0.21
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	17	0.21
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	17	0.21
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	17	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	17	0.21
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	17	0.21
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	17	0.21
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	17	0.21
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	17	0.21
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD11	18	0.21
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD12	18	0.21
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD13	18	0.21
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD11	18	0.21
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD12	18	0.21
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD13	18	0.21
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD11	18	0.21
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD12	18	0.21
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD13	18	0.21
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD11	18	0.21
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD12	18	0.21
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD13	18	0.21
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD11	18	0.21
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD12	18	0.21
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD13	18	0.21
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD11	18	0.21
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD12	18	0.21
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD13	18	0.21
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD11	18	0.21
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD12	18	0.21
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD13	18	0.21
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD11	18	0.21
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD12	18	0.21
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD13	18	0.21
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD11	18	0.21
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD12	18	0.21
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD13	18	0.21
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	10	0.21
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	10	0.21
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	10	0.21
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	10	0.21
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	10	0.21
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	10	0.21
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	10	0.21
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	10	0.21
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	10	0.21
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	10	0.21
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	10	0.21
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	10	0.21
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	10	0.21
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	10	0.21
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	10	0.21
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	10	0.21
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	10	0.21
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	10	0.21
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	10	0.21
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	10	0.21
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	10	0.21
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	10	0.21
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	10	0.21
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	10	0.21
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	10	0.21
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	10	0.21
(1,256)	1:A:14:TRP:HZ3	1:A:17:MET:HE1	7	0.21
(1,256)	1:A:14:TRP:HZ3	1:A:17:MET:HE2	7	0.21
(1,256)	1:A:14:TRP:HZ3	1:A:17:MET:HE3	7	0.21
(1,256)	1:A:14:TRP:HZ3	1:B:17:MET:HE1	7	0.21
(1,256)	1:A:14:TRP:HZ3	1:B:17:MET:HE2	7	0.21
(1,256)	1:A:14:TRP:HZ3	1:B:17:MET:HE3	7	0.21
(1,256)	1:A:14:TRP:HZ3	1:C:17:MET:HE1	7	0.21
(1,256)	1:A:14:TRP:HZ3	1:C:17:MET:HE2	7	0.21
(1,256)	1:A:14:TRP:HZ3	1:C:17:MET:HE3	7	0.21
(1,256)	1:B:14:TRP:HZ3	1:A:17:MET:HE1	7	0.21
(1,256)	1:B:14:TRP:HZ3	1:A:17:MET:HE2	7	0.21
(1,256)	1:B:14:TRP:HZ3	1:A:17:MET:HE3	7	0.21
(1,256)	1:B:14:TRP:HZ3	1:B:17:MET:HE1	7	0.21
(1,256)	1:B:14:TRP:HZ3	1:B:17:MET:HE2	7	0.21
(1,256)	1:B:14:TRP:HZ3	1:B:17:MET:HE3	7	0.21
(1,256)	1:B:14:TRP:HZ3	1:C:17:MET:HE1	7	0.21
(1,256)	1:B:14:TRP:HZ3	1:C:17:MET:HE2	7	0.21
(1,256)	1:B:14:TRP:HZ3	1:C:17:MET:HE3	7	0.21
(1,256)	1:C:14:TRP:HZ3	1:A:17:MET:HE1	7	0.21
(1,256)	1:C:14:TRP:HZ3	1:A:17:MET:HE2	7	0.21
(1,256)	1:C:14:TRP:HZ3	1:A:17:MET:HE3	7	0.21
(1,256)	1:C:14:TRP:HZ3	1:B:17:MET:HE1	7	0.21
(1,256)	1:C:14:TRP:HZ3	1:B:17:MET:HE2	7	0.21
(1,256)	1:C:14:TRP:HZ3	1:B:17:MET:HE3	7	0.21
(1,256)	1:C:14:TRP:HZ3	1:C:17:MET:HE1	7	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,256)	1:C:14:TRP:HZ3	1:C:17:MET:HE2	7	0.21
(1,256)	1:C:14:TRP:HZ3	1:C:17:MET:HE3	7	0.21
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	19	0.21
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	19	0.21
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	19	0.21
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	19	0.21
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	19	0.21
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	19	0.21
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	19	0.21
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	19	0.21
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	19	0.21
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	19	0.21
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	19	0.21
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	19	0.21
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	19	0.21
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	19	0.21
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	19	0.21
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	19	0.21
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	19	0.21
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	19	0.21
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	19	0.21
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	19	0.21
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	19	0.21
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	19	0.21
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	19	0.21
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	19	0.21
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	19	0.21
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	19	0.21
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	19	0.21
(1,220)	1:A:18:ILE:HB	1:A:15:THR:HA	2	0.21
(1,220)	1:A:18:ILE:HB	1:B:15:THR:HA	2	0.21
(1,220)	1:A:18:ILE:HB	1:C:15:THR:HA	2	0.21
(1,220)	1:B:18:ILE:HB	1:A:15:THR:HA	2	0.21
(1,220)	1:B:18:ILE:HB	1:B:15:THR:HA	2	0.21
(1,220)	1:B:18:ILE:HB	1:C:15:THR:HA	2	0.21
(1,220)	1:C:18:ILE:HB	1:A:15:THR:HA	2	0.21
(1,220)	1:C:18:ILE:HB	1:B:15:THR:HA	2	0.21
(1,220)	1:C:18:ILE:HB	1:C:15:THR:HA	2	0.21
(1,217)	1:A:17:MET:HB2	1:A:14:TRP:HA	9	0.21
(1,217)	1:A:17:MET:HB2	1:B:14:TRP:HA	9	0.21
(1,217)	1:A:17:MET:HB2	1:C:14:TRP:HA	9	0.21
(1,217)	1:A:17:MET:HB3	1:A:14:TRP:HA	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,217)	1:A:17:MET:HB3	1:B:14:TRP:HA	9	0.21
(1,217)	1:A:17:MET:HB3	1:C:14:TRP:HA	9	0.21
(1,217)	1:B:17:MET:HB2	1:A:14:TRP:HA	9	0.21
(1,217)	1:B:17:MET:HB2	1:B:14:TRP:HA	9	0.21
(1,217)	1:B:17:MET:HB2	1:C:14:TRP:HA	9	0.21
(1,217)	1:B:17:MET:HB3	1:A:14:TRP:HA	9	0.21
(1,217)	1:B:17:MET:HB3	1:B:14:TRP:HA	9	0.21
(1,217)	1:B:17:MET:HB3	1:C:14:TRP:HA	9	0.21
(1,217)	1:C:17:MET:HB2	1:A:14:TRP:HA	9	0.21
(1,217)	1:C:17:MET:HB2	1:B:14:TRP:HA	9	0.21
(1,217)	1:C:17:MET:HB2	1:C:14:TRP:HA	9	0.21
(1,217)	1:C:17:MET:HB3	1:A:14:TRP:HA	9	0.21
(1,217)	1:C:17:MET:HB3	1:B:14:TRP:HA	9	0.21
(1,217)	1:C:17:MET:HB3	1:C:14:TRP:HA	9	0.21
(1,217)	1:A:17:MET:HB2	1:A:14:TRP:HA	17	0.21
(1,217)	1:A:17:MET:HB2	1:B:14:TRP:HA	17	0.21
(1,217)	1:A:17:MET:HB2	1:C:14:TRP:HA	17	0.21
(1,217)	1:A:17:MET:HB3	1:A:14:TRP:HA	17	0.21
(1,217)	1:A:17:MET:HB3	1:B:14:TRP:HA	17	0.21
(1,217)	1:A:17:MET:HB3	1:C:14:TRP:HA	17	0.21
(1,217)	1:B:17:MET:HB2	1:A:14:TRP:HA	17	0.21
(1,217)	1:B:17:MET:HB2	1:B:14:TRP:HA	17	0.21
(1,217)	1:B:17:MET:HB2	1:C:14:TRP:HA	17	0.21
(1,217)	1:B:17:MET:HB3	1:A:14:TRP:HA	17	0.21
(1,217)	1:B:17:MET:HB3	1:B:14:TRP:HA	17	0.21
(1,217)	1:B:17:MET:HB3	1:C:14:TRP:HA	17	0.21
(1,217)	1:C:17:MET:HB2	1:A:14:TRP:HA	17	0.21
(1,217)	1:C:17:MET:HB2	1:B:14:TRP:HA	17	0.21
(1,217)	1:C:17:MET:HB2	1:C:14:TRP:HA	17	0.21
(1,217)	1:C:17:MET:HB3	1:A:14:TRP:HA	17	0.21
(1,217)	1:C:17:MET:HB3	1:B:14:TRP:HA	17	0.21
(1,217)	1:C:17:MET:HB3	1:C:14:TRP:HA	17	0.21
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	1	0.21
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	1	0.21
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	1	0.21
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	1	0.21
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	1	0.21
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	1	0.21
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	1	0.21
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	1	0.21
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	1	0.21
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	1	0.21
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	1	0.21
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	1	0.21
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	1	0.21
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	1	0.21
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	1	0.21
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	1	0.21
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	1	0.21
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	11	0.21
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	11	0.21
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	11	0.21
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	11	0.21
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	11	0.21
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	11	0.21
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	11	0.21
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	11	0.21
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	11	0.21
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	11	0.21
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	11	0.21
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	11	0.21
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	11	0.21
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	11	0.21
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	11	0.21
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	11	0.21
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	11	0.21
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	11	0.21
(1,208)	1:A:6:ILE:HD11	1:A:2:LEU:HA	7	0.21
(1,208)	1:A:6:ILE:HD11	1:B:2:LEU:HA	7	0.21
(1,208)	1:A:6:ILE:HD11	1:C:2:LEU:HA	7	0.21
(1,208)	1:A:6:ILE:HD12	1:A:2:LEU:HA	7	0.21
(1,208)	1:A:6:ILE:HD12	1:B:2:LEU:HA	7	0.21
(1,208)	1:A:6:ILE:HD12	1:C:2:LEU:HA	7	0.21
(1,208)	1:A:6:ILE:HD13	1:A:2:LEU:HA	7	0.21
(1,208)	1:A:6:ILE:HD13	1:B:2:LEU:HA	7	0.21
(1,208)	1:A:6:ILE:HD13	1:C:2:LEU:HA	7	0.21
(1,208)	1:B:6:ILE:HD11	1:A:2:LEU:HA	7	0.21
(1,208)	1:B:6:ILE:HD11	1:B:2:LEU:HA	7	0.21
(1,208)	1:B:6:ILE:HD11	1:C:2:LEU:HA	7	0.21
(1,208)	1:B:6:ILE:HD12	1:A:2:LEU:HA	7	0.21
(1,208)	1:B:6:ILE:HD12	1:B:2:LEU:HA	7	0.21
(1,208)	1:B:6:ILE:HD12	1:C:2:LEU:HA	7	0.21
(1,208)	1:B:6:ILE:HD13	1:A:2:LEU:HA	7	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,208)	1:B:6:ILE:HD13	1:B:2:LEU:HA	7	0.21
(1,208)	1:B:6:ILE:HD13	1:C:2:LEU:HA	7	0.21
(1,208)	1:C:6:ILE:HD11	1:A:2:LEU:HA	7	0.21
(1,208)	1:C:6:ILE:HD11	1:B:2:LEU:HA	7	0.21
(1,208)	1:C:6:ILE:HD11	1:C:2:LEU:HA	7	0.21
(1,208)	1:C:6:ILE:HD12	1:A:2:LEU:HA	7	0.21
(1,208)	1:C:6:ILE:HD12	1:B:2:LEU:HA	7	0.21
(1,208)	1:C:6:ILE:HD12	1:C:2:LEU:HA	7	0.21
(1,208)	1:C:6:ILE:HD13	1:A:2:LEU:HA	7	0.21
(1,208)	1:C:6:ILE:HD13	1:B:2:LEU:HA	7	0.21
(1,208)	1:C:6:ILE:HD13	1:C:2:LEU:HA	7	0.21
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	1	0.21
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	1	0.21
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	1	0.21
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	1	0.21
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	1	0.21
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	1	0.21
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	1	0.21
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	1	0.21
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	1	0.21
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	1	0.21
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	1	0.21
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	1	0.21
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	1	0.21
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	1	0.21
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	1	0.21
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	1	0.21
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	1	0.21
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	1	0.21
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	1	0.21
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	1	0.21
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	1	0.21
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	1	0.21
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	1	0.21
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	1	0.21
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	1	0.21
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	1	0.21
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	1	0.21
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	5	0.21
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	5	0.21
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	5	0.21
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	5	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	5	0.21
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	5	0.21
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	5	0.21
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	5	0.21
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	5	0.21
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	5	0.21
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	5	0.21
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	5	0.21
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	5	0.21
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	5	0.21
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	5	0.21
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	5	0.21
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	5	0.21
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	5	0.21
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	5	0.21
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	5	0.21
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	5	0.21
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	5	0.21
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	5	0.21
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	5	0.21
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	5	0.21
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	5	0.21
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	5	0.21
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	17	0.21
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	17	0.21
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	17	0.21
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	17	0.21
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	17	0.21
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	17	0.21
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	17	0.21
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	17	0.21
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	17	0.21
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	17	0.21
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	17	0.21
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	17	0.21
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	17	0.21
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	17	0.21
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	17	0.21
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	17	0.21
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	17	0.21
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	17	0.21
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	17	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	17	0.21
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	17	0.21
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	17	0.21
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	17	0.21
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	17	0.21
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	17	0.21
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	17	0.21
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	17	0.21
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	19	0.21
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	19	0.21
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	19	0.21
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	19	0.21
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	19	0.21
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	19	0.21
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	19	0.21
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	19	0.21
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	19	0.21
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	19	0.21
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	19	0.21
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	19	0.21
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	19	0.21
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	19	0.21
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	19	0.21
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	19	0.21
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	19	0.21
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	19	0.21
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	19	0.21
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	19	0.21
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	19	0.21
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	19	0.21
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	19	0.21
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	19	0.21
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	19	0.21
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	19	0.21
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	19	0.21
(1,145)	1:A:16:GLY:HA3	1:A:17:MET:H	12	0.21
(1,145)	1:A:16:GLY:HA3	1:B:17:MET:H	12	0.21
(1,145)	1:A:16:GLY:HA3	1:C:17:MET:H	12	0.21
(1,145)	1:B:16:GLY:HA3	1:A:17:MET:H	12	0.21
(1,145)	1:B:16:GLY:HA3	1:B:17:MET:H	12	0.21
(1,145)	1:B:16:GLY:HA3	1:C:17:MET:H	12	0.21
(1,145)	1:C:16:GLY:HA3	1:A:17:MET:H	12	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,145)	1:C:16:GLY:HA3	1:B:17:MET:H	12	0.21
(1,145)	1:C:16:GLY:HA3	1:C:17:MET:H	12	0.21
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	2	0.21
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	2	0.21
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	2	0.21
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	2	0.21
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	2	0.21
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	2	0.21
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	2	0.21
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	2	0.21
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	2	0.21
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	6	0.21
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	6	0.21
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	6	0.21
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	6	0.21
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	6	0.21
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	6	0.21
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	6	0.21
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	6	0.21
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	6	0.21
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	8	0.21
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	8	0.21
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	8	0.21
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	8	0.21
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	8	0.21
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	8	0.21
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	8	0.21
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	8	0.21
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	8	0.21
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	13	0.21
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	13	0.21
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	13	0.21
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	13	0.21
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	13	0.21
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	13	0.21
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	13	0.21
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	13	0.21
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	13	0.21
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	19	0.21
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	19	0.21
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	19	0.21
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	19	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	19	0.21
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	19	0.21
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	19	0.21
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	19	0.21
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	19	0.21
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	20	0.21
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	20	0.21
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	20	0.21
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	20	0.21
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	20	0.21
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	20	0.21
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	20	0.21
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	20	0.21
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	20	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	1	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	1	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	1	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	1	0.21
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	1	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	1	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	1	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	1	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	1	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	1	0.21
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	1	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	1	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	1	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	1	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	1	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	1	0.21
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	1	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	1	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	2	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	2	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	2	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	2	0.21
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	2	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	2	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	2	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	2	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	2	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	2	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	2	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	2	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	2	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	2	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	2	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	2	0.21
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	2	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	2	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	3	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	3	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	3	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	3	0.21
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	3	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	3	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	3	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	3	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	3	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	3	0.21
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	3	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	3	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	3	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	3	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	3	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	3	0.21
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	3	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	3	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	4	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	4	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	4	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	4	0.21
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	4	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	4	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	4	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	4	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	4	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	4	0.21
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	4	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	4	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	4	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	4	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	4	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	4	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	4	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	4	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	8	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	8	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	8	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	8	0.21
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	8	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	8	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	8	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	8	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	8	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	8	0.21
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	8	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	8	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	8	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	8	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	8	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	8	0.21
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	8	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	8	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	10	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	10	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	10	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	10	0.21
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	10	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	10	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	10	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	10	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	10	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	10	0.21
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	10	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	10	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	10	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	10	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	10	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	10	0.21
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	10	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	10	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	12	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	12	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	12	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	12	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	12	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	12	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	12	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	12	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	12	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	12	0.21
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	12	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	12	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	12	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	12	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	12	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	12	0.21
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	12	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	12	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	14	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	14	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	14	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	14	0.21
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	14	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	14	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	14	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	14	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	14	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	14	0.21
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	14	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	14	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	14	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	14	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	14	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	14	0.21
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	14	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	14	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	15	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	15	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	15	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	15	0.21
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	15	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	15	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	15	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	15	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	15	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	15	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	15	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	15	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	15	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	15	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	15	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	15	0.21
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	15	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	15	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	16	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	16	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	16	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	16	0.21
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	16	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	16	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	16	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	16	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	16	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	16	0.21
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	16	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	16	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	16	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	16	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	16	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	16	0.21
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	16	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	16	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	17	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	17	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	17	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	17	0.21
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	17	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	17	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	17	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	17	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	17	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	17	0.21
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	17	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	17	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	17	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	17	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	17	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	17	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	17	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	17	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	18	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	18	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	18	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	18	0.21
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	18	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	18	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	18	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	18	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	18	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	18	0.21
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	18	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	18	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	18	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	18	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	18	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	18	0.21
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	18	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	18	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	19	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	19	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	19	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	19	0.21
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	19	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	19	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	19	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	19	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	19	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	19	0.21
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	19	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	19	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	19	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	19	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	19	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	19	0.21
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	19	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	19	0.21
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	20	0.21
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	20	0.21
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	20	0.21
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	20	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	20	0.21
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	20	0.21
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	20	0.21
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	20	0.21
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	20	0.21
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	20	0.21
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	20	0.21
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	20	0.21
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	20	0.21
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	20	0.21
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	20	0.21
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	20	0.21
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	20	0.21
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	20	0.21
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	6	0.2
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	6	0.2
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	6	0.2
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	6	0.2
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	6	0.2
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	6	0.2
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	6	0.2
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	6	0.2
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	6	0.2
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	6	0.2
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	6	0.2
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	6	0.2
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	6	0.2
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	6	0.2
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	6	0.2
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	6	0.2
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	6	0.2
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	6	0.2
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	6	0.2
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	6	0.2
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	6	0.2
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	6	0.2
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	6	0.2
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	6	0.2
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	6	0.2
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	6	0.2
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	6	0.2
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	17	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	17	0.2
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	17	0.2
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	17	0.2
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	17	0.2
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	17	0.2
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	17	0.2
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	17	0.2
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	17	0.2
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	20	0.2
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	20	0.2
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	20	0.2
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	20	0.2
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	20	0.2
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	20	0.2
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	20	0.2
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	20	0.2
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	20	0.2
(1,73)	1:A:14:TRP:HD1	1:A:15:THR:HA	11	0.2
(1,73)	1:A:14:TRP:HD1	1:B:15:THR:HA	11	0.2
(1,73)	1:A:14:TRP:HD1	1:C:15:THR:HA	11	0.2
(1,73)	1:B:14:TRP:HD1	1:A:15:THR:HA	11	0.2
(1,73)	1:B:14:TRP:HD1	1:B:15:THR:HA	11	0.2
(1,73)	1:B:14:TRP:HD1	1:C:15:THR:HA	11	0.2
(1,73)	1:C:14:TRP:HD1	1:A:15:THR:HA	11	0.2
(1,73)	1:C:14:TRP:HD1	1:B:15:THR:HA	11	0.2
(1,73)	1:C:14:TRP:HD1	1:C:15:THR:HA	11	0.2
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	7	0.2
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	7	0.2
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	7	0.2
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	7	0.2
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	7	0.2
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	7	0.2
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	7	0.2
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	7	0.2
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	7	0.2
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	7	0.2
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	7	0.2
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	7	0.2
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	7	0.2
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	7	0.2
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	7	0.2
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	7	0.2
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	13	0.2
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	13	0.2
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	13	0.2
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	13	0.2
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	13	0.2
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	13	0.2
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	13	0.2
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	13	0.2
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	13	0.2
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	13	0.2
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	13	0.2
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	13	0.2
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	13	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	13	0.2
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	13	0.2
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	13	0.2
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	13	0.2
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	20	0.2
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	20	0.2
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	20	0.2
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	20	0.2
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	20	0.2
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	20	0.2
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	20	0.2
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	20	0.2
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	20	0.2
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	20	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	20	0.2
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	20	0.2
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	20	0.2
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	20	0.2
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	20	0.2
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	20	0.2
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	20	0.2
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	4	0.2
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	4	0.2
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	4	0.2
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	4	0.2
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	4	0.2
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	4	0.2
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	4	0.2
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	4	0.2
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	4	0.2
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	4	0.2
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	4	0.2
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	4	0.2
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	4	0.2
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	4	0.2
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	4	0.2
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	4	0.2
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	6	0.2
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	6	0.2
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	6	0.2
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	6	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	6	0.2
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	6	0.2
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	6	0.2
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	6	0.2
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	6	0.2
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	6	0.2
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	6	0.2
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	6	0.2
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	6	0.2
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	6	0.2
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	6	0.2
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	6	0.2
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	6	0.2
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	9	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	9	0.2
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	9	0.2
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	9	0.2
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	9	0.2
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	9	0.2
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	9	0.2
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	9	0.2
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	9	0.2
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	9	0.2
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	9	0.2
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	9	0.2
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	9	0.2
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	9	0.2
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	9	0.2
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	9	0.2
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	9	0.2
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	9	0.2
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	9	0.2
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	9	0.2
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	9	0.2
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	9	0.2
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	9	0.2
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	9	0.2
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	9	0.2
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	9	0.2
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	9	0.2
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	9	0.2
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	9	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	9	0.2
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	9	0.2
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	12	0.2
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	12	0.2
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	12	0.2
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	12	0.2
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	12	0.2
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	12	0.2
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	12	0.2
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	12	0.2
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	12	0.2
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	12	0.2
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	12	0.2
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	12	0.2
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	12	0.2
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	12	0.2
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	12	0.2
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	12	0.2
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	12	0.2
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	12	0.2
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	13	0.2
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	13	0.2
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	13	0.2
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	13	0.2
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	13	0.2
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	13	0.2
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	13	0.2
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	13	0.2
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	13	0.2
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	13	0.2
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	13	0.2
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	13	0.2
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	13	0.2
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	13	0.2
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	13	0.2
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	13	0.2
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	13	0.2
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	13	0.2
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	16	0.2
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	16	0.2
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	16	0.2
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	16	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	16	0.2
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	16	0.2
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	16	0.2
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	16	0.2
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	16	0.2
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	16	0.2
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	16	0.2
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	16	0.2
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	16	0.2
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	16	0.2
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	16	0.2
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	16	0.2
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	16	0.2
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	16	0.2
(1,309)	1:A:5:ALA:HB1	1:A:21:TRP:HE3	7	0.2
(1,309)	1:A:5:ALA:HB1	1:B:21:TRP:HE3	7	0.2
(1,309)	1:A:5:ALA:HB1	1:C:21:TRP:HE3	7	0.2
(1,309)	1:A:5:ALA:HB2	1:A:21:TRP:HE3	7	0.2
(1,309)	1:A:5:ALA:HB2	1:B:21:TRP:HE3	7	0.2
(1,309)	1:A:5:ALA:HB2	1:C:21:TRP:HE3	7	0.2
(1,309)	1:A:5:ALA:HB3	1:A:21:TRP:HE3	7	0.2
(1,309)	1:A:5:ALA:HB3	1:B:21:TRP:HE3	7	0.2
(1,309)	1:A:5:ALA:HB3	1:C:21:TRP:HE3	7	0.2
(1,309)	1:B:5:ALA:HB1	1:A:21:TRP:HE3	7	0.2
(1,309)	1:B:5:ALA:HB1	1:B:21:TRP:HE3	7	0.2
(1,309)	1:B:5:ALA:HB1	1:C:21:TRP:HE3	7	0.2
(1,309)	1:B:5:ALA:HB2	1:A:21:TRP:HE3	7	0.2
(1,309)	1:B:5:ALA:HB2	1:B:21:TRP:HE3	7	0.2
(1,309)	1:B:5:ALA:HB2	1:C:21:TRP:HE3	7	0.2
(1,309)	1:B:5:ALA:HB3	1:A:21:TRP:HE3	7	0.2
(1,309)	1:B:5:ALA:HB3	1:B:21:TRP:HE3	7	0.2
(1,309)	1:B:5:ALA:HB3	1:C:21:TRP:HE3	7	0.2
(1,309)	1:C:5:ALA:HB1	1:A:21:TRP:HE3	7	0.2
(1,309)	1:C:5:ALA:HB1	1:B:21:TRP:HE3	7	0.2
(1,309)	1:C:5:ALA:HB1	1:C:21:TRP:HE3	7	0.2
(1,309)	1:C:5:ALA:HB2	1:A:21:TRP:HE3	7	0.2
(1,309)	1:C:5:ALA:HB2	1:B:21:TRP:HE3	7	0.2
(1,309)	1:C:5:ALA:HB2	1:C:21:TRP:HE3	7	0.2
(1,309)	1:C:5:ALA:HB3	1:A:21:TRP:HE3	7	0.2
(1,309)	1:C:5:ALA:HB3	1:B:21:TRP:HE3	7	0.2
(1,309)	1:C:5:ALA:HB3	1:C:21:TRP:HE3	7	0.2
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB2	1	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,306)	1:A:21:TRP:HZ3	1:A:2:LEU:HB3	1	0.2
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB2	1	0.2
(1,306)	1:A:21:TRP:HZ3	1:B:2:LEU:HB3	1	0.2
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB2	1	0.2
(1,306)	1:A:21:TRP:HZ3	1:C:2:LEU:HB3	1	0.2
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB2	1	0.2
(1,306)	1:B:21:TRP:HZ3	1:A:2:LEU:HB3	1	0.2
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB2	1	0.2
(1,306)	1:B:21:TRP:HZ3	1:B:2:LEU:HB3	1	0.2
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB2	1	0.2
(1,306)	1:B:21:TRP:HZ3	1:C:2:LEU:HB3	1	0.2
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB2	1	0.2
(1,306)	1:C:21:TRP:HZ3	1:A:2:LEU:HB3	1	0.2
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB2	1	0.2
(1,306)	1:C:21:TRP:HZ3	1:B:2:LEU:HB3	1	0.2
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB2	1	0.2
(1,306)	1:C:21:TRP:HZ3	1:C:2:LEU:HB3	1	0.2
(1,295)	1:A:5:ALA:HB1	1:A:21:TRP:HA	4	0.2
(1,295)	1:A:5:ALA:HB1	1:B:21:TRP:HA	4	0.2
(1,295)	1:A:5:ALA:HB1	1:C:21:TRP:HA	4	0.2
(1,295)	1:A:5:ALA:HB2	1:A:21:TRP:HA	4	0.2
(1,295)	1:A:5:ALA:HB2	1:B:21:TRP:HA	4	0.2
(1,295)	1:A:5:ALA:HB2	1:C:21:TRP:HA	4	0.2
(1,295)	1:A:5:ALA:HB3	1:A:21:TRP:HA	4	0.2
(1,295)	1:A:5:ALA:HB3	1:B:21:TRP:HA	4	0.2
(1,295)	1:A:5:ALA:HB3	1:C:21:TRP:HA	4	0.2
(1,295)	1:B:5:ALA:HB1	1:A:21:TRP:HA	4	0.2
(1,295)	1:B:5:ALA:HB1	1:B:21:TRP:HA	4	0.2
(1,295)	1:B:5:ALA:HB1	1:C:21:TRP:HA	4	0.2
(1,295)	1:B:5:ALA:HB2	1:A:21:TRP:HA	4	0.2
(1,295)	1:B:5:ALA:HB2	1:B:21:TRP:HA	4	0.2
(1,295)	1:B:5:ALA:HB2	1:C:21:TRP:HA	4	0.2
(1,295)	1:B:5:ALA:HB3	1:A:21:TRP:HA	4	0.2
(1,295)	1:B:5:ALA:HB3	1:B:21:TRP:HA	4	0.2
(1,295)	1:B:5:ALA:HB3	1:C:21:TRP:HA	4	0.2
(1,295)	1:C:5:ALA:HB1	1:A:21:TRP:HA	4	0.2
(1,295)	1:C:5:ALA:HB1	1:B:21:TRP:HA	4	0.2
(1,295)	1:C:5:ALA:HB1	1:C:21:TRP:HA	4	0.2
(1,295)	1:C:5:ALA:HB2	1:A:21:TRP:HA	4	0.2
(1,295)	1:C:5:ALA:HB2	1:B:21:TRP:HA	4	0.2
(1,295)	1:C:5:ALA:HB2	1:C:21:TRP:HA	4	0.2
(1,295)	1:C:5:ALA:HB3	1:A:21:TRP:HA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,295)	1:C:5:ALA:HB3	1:B:21:TRP:HA	4	0.2
(1,295)	1:C:5:ALA:HB3	1:C:21:TRP:HA	4	0.2
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG21	1	0.2
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG22	1	0.2
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG23	1	0.2
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG21	1	0.2
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG22	1	0.2
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG23	1	0.2
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG21	1	0.2
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG22	1	0.2
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG23	1	0.2
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG21	1	0.2
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG22	1	0.2
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG23	1	0.2
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG21	1	0.2
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG22	1	0.2
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG23	1	0.2
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG21	1	0.2
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG22	1	0.2
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG23	1	0.2
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG21	1	0.2
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG22	1	0.2
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG23	1	0.2
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG21	1	0.2
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG22	1	0.2
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG23	1	0.2
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG21	1	0.2
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG22	1	0.2
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG23	1	0.2
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG21	1	0.2
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG22	1	0.2
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG23	1	0.2
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG21	1	0.2
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG22	1	0.2
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG23	1	0.2
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG21	1	0.2
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG22	1	0.2
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG23	1	0.2
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG21	1	0.2
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG22	1	0.2
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG23	1	0.2
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG21	1	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG22	1	0.2
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG23	1	0.2
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG21	1	0.2
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG22	1	0.2
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG23	1	0.2
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG21	1	0.2
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG22	1	0.2
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG23	1	0.2
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG21	1	0.2
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG22	1	0.2
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG23	1	0.2
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG21	1	0.2
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG22	1	0.2
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG23	1	0.2
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG21	2	0.2
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG22	2	0.2
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG23	2	0.2
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG21	2	0.2
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG22	2	0.2
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG23	2	0.2
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG21	2	0.2
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG22	2	0.2
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG23	2	0.2
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG21	2	0.2
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG22	2	0.2
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG23	2	0.2
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG21	2	0.2
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG22	2	0.2
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG23	2	0.2
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG21	2	0.2
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG22	2	0.2
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG23	2	0.2
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG21	2	0.2
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG22	2	0.2
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG23	2	0.2
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG21	2	0.2
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG22	2	0.2
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG23	2	0.2
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG21	2	0.2
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG22	2	0.2
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG23	2	0.2
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG21	2	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG22	2	0.2
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG23	2	0.2
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG21	2	0.2
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG22	2	0.2
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG23	2	0.2
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG21	2	0.2
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG22	2	0.2
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG23	2	0.2
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG21	2	0.2
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG22	2	0.2
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG23	2	0.2
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG21	2	0.2
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG22	2	0.2
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG23	2	0.2
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG21	2	0.2
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG22	2	0.2
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG23	2	0.2
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG21	2	0.2
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG22	2	0.2
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG23	2	0.2
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG21	2	0.2
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG22	2	0.2
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG23	2	0.2
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG21	2	0.2
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG22	2	0.2
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG23	2	0.2
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG21	5	0.2
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG22	5	0.2
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG23	5	0.2
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG21	5	0.2
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG22	5	0.2
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG23	5	0.2
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG21	5	0.2
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG22	5	0.2
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG23	5	0.2
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG21	5	0.2
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG22	5	0.2
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG23	5	0.2
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG21	5	0.2
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG22	5	0.2
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG23	5	0.2
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG21	5	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG22	5	0.2
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG23	5	0.2
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG21	5	0.2
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG22	5	0.2
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG23	5	0.2
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG21	5	0.2
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG22	5	0.2
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG23	5	0.2
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG21	5	0.2
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG22	5	0.2
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG23	5	0.2
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG21	5	0.2
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG22	5	0.2
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG23	5	0.2
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG21	5	0.2
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG22	5	0.2
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG23	5	0.2
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG21	5	0.2
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG22	5	0.2
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG23	5	0.2
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG21	5	0.2
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG22	5	0.2
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG23	5	0.2
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG21	5	0.2
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG22	5	0.2
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG23	5	0.2
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG21	5	0.2
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG22	5	0.2
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG23	5	0.2
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG21	5	0.2
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG22	5	0.2
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG23	5	0.2
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG21	5	0.2
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG22	5	0.2
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG23	5	0.2
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG21	5	0.2
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG22	5	0.2
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG23	5	0.2
(1,270)	1:A:14:TRP:HE3	1:A:18:ILE:HG12	12	0.2
(1,270)	1:A:14:TRP:HE3	1:A:18:ILE:HG13	12	0.2
(1,270)	1:A:14:TRP:HE3	1:B:18:ILE:HG12	12	0.2
(1,270)	1:A:14:TRP:HE3	1:B:18:ILE:HG13	12	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,270)	1:A:14:TRP:HE3	1:C:18:ILE:HG12	12	0.2
(1,270)	1:A:14:TRP:HE3	1:C:18:ILE:HG13	12	0.2
(1,270)	1:B:14:TRP:HE3	1:A:18:ILE:HG12	12	0.2
(1,270)	1:B:14:TRP:HE3	1:A:18:ILE:HG13	12	0.2
(1,270)	1:B:14:TRP:HE3	1:B:18:ILE:HG12	12	0.2
(1,270)	1:B:14:TRP:HE3	1:B:18:ILE:HG13	12	0.2
(1,270)	1:B:14:TRP:HE3	1:C:18:ILE:HG12	12	0.2
(1,270)	1:B:14:TRP:HE3	1:C:18:ILE:HG13	12	0.2
(1,270)	1:C:14:TRP:HE3	1:A:18:ILE:HG12	12	0.2
(1,270)	1:C:14:TRP:HE3	1:A:18:ILE:HG13	12	0.2
(1,270)	1:C:14:TRP:HE3	1:B:18:ILE:HG12	12	0.2
(1,270)	1:C:14:TRP:HE3	1:B:18:ILE:HG13	12	0.2
(1,270)	1:C:14:TRP:HE3	1:C:18:ILE:HG12	12	0.2
(1,270)	1:C:14:TRP:HE3	1:C:18:ILE:HG13	12	0.2
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD11	13	0.2
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD12	13	0.2
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD13	13	0.2
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD11	13	0.2
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD12	13	0.2
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD13	13	0.2
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD11	13	0.2
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD12	13	0.2
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD13	13	0.2
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD11	13	0.2
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD12	13	0.2
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD13	13	0.2
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD11	13	0.2
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD12	13	0.2
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD13	13	0.2
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD11	13	0.2
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD12	13	0.2
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD13	13	0.2
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD11	13	0.2
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD12	13	0.2
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD13	13	0.2
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD11	13	0.2
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD12	13	0.2
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD13	13	0.2
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD11	13	0.2
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD12	13	0.2
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD13	13	0.2
(1,237)	1:A:14:TRP:HD1	1:A:10:ILE:HA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,237)	1:A:14:TRP:HD1	1:B:10:ILE:HA	10	0.2
(1,237)	1:A:14:TRP:HD1	1:C:10:ILE:HA	10	0.2
(1,237)	1:B:14:TRP:HD1	1:A:10:ILE:HA	10	0.2
(1,237)	1:B:14:TRP:HD1	1:B:10:ILE:HA	10	0.2
(1,237)	1:B:14:TRP:HD1	1:C:10:ILE:HA	10	0.2
(1,237)	1:C:14:TRP:HD1	1:A:10:ILE:HA	10	0.2
(1,237)	1:C:14:TRP:HD1	1:B:10:ILE:HA	10	0.2
(1,237)	1:C:14:TRP:HD1	1:C:10:ILE:HA	10	0.2
(1,221)	1:A:18:ILE:HD11	1:A:14:TRP:HA	8	0.2
(1,221)	1:A:18:ILE:HD11	1:B:14:TRP:HA	8	0.2
(1,221)	1:A:18:ILE:HD11	1:C:14:TRP:HA	8	0.2
(1,221)	1:A:18:ILE:HD12	1:A:14:TRP:HA	8	0.2
(1,221)	1:A:18:ILE:HD12	1:B:14:TRP:HA	8	0.2
(1,221)	1:A:18:ILE:HD12	1:C:14:TRP:HA	8	0.2
(1,221)	1:A:18:ILE:HD13	1:A:14:TRP:HA	8	0.2
(1,221)	1:A:18:ILE:HD13	1:B:14:TRP:HA	8	0.2
(1,221)	1:A:18:ILE:HD13	1:C:14:TRP:HA	8	0.2
(1,221)	1:B:18:ILE:HD11	1:A:14:TRP:HA	8	0.2
(1,221)	1:B:18:ILE:HD11	1:B:14:TRP:HA	8	0.2
(1,221)	1:B:18:ILE:HD11	1:C:14:TRP:HA	8	0.2
(1,221)	1:B:18:ILE:HD12	1:A:14:TRP:HA	8	0.2
(1,221)	1:B:18:ILE:HD12	1:B:14:TRP:HA	8	0.2
(1,221)	1:B:18:ILE:HD12	1:C:14:TRP:HA	8	0.2
(1,221)	1:B:18:ILE:HD13	1:A:14:TRP:HA	8	0.2
(1,221)	1:B:18:ILE:HD13	1:B:14:TRP:HA	8	0.2
(1,221)	1:B:18:ILE:HD13	1:C:14:TRP:HA	8	0.2
(1,221)	1:C:18:ILE:HD11	1:A:14:TRP:HA	8	0.2
(1,221)	1:C:18:ILE:HD11	1:B:14:TRP:HA	8	0.2
(1,221)	1:C:18:ILE:HD11	1:C:14:TRP:HA	8	0.2
(1,221)	1:C:18:ILE:HD12	1:A:14:TRP:HA	8	0.2
(1,221)	1:C:18:ILE:HD12	1:B:14:TRP:HA	8	0.2
(1,221)	1:C:18:ILE:HD12	1:C:14:TRP:HA	8	0.2
(1,221)	1:C:18:ILE:HD13	1:A:14:TRP:HA	8	0.2
(1,221)	1:C:18:ILE:HD13	1:B:14:TRP:HA	8	0.2
(1,221)	1:C:18:ILE:HD13	1:C:14:TRP:HA	8	0.2
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	2	0.2
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	2	0.2
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	2	0.2
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	2	0.2
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	2	0.2
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	2	0.2
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	2	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	2	0.2
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	2	0.2
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	2	0.2
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	2	0.2
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	2	0.2
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	2	0.2
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	2	0.2
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	2	0.2
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	2	0.2
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	2	0.2
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	2	0.2
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	4	0.2
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	4	0.2
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	4	0.2
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	4	0.2
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	4	0.2
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	4	0.2
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	4	0.2
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	4	0.2
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	4	0.2
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	4	0.2
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	4	0.2
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	4	0.2
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	4	0.2
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	4	0.2
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	4	0.2
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	4	0.2
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	4	0.2
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	4	0.2
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	17	0.2
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	17	0.2
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	17	0.2
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	17	0.2
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	17	0.2
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	17	0.2
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	17	0.2
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	17	0.2
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	17	0.2
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	17	0.2
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	17	0.2
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	17	0.2
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	17	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	17	0.2
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	17	0.2
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	17	0.2
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	17	0.2
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	17	0.2
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	19	0.2
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	19	0.2
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	19	0.2
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	19	0.2
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	19	0.2
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	19	0.2
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	19	0.2
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	19	0.2
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	19	0.2
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	19	0.2
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	19	0.2
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	19	0.2
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	19	0.2
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	19	0.2
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	19	0.2
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	19	0.2
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	19	0.2
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	19	0.2
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	19	0.2
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	19	0.2
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	19	0.2
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	19	0.2
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	19	0.2
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	19	0.2
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	19	0.2
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	19	0.2
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	19	0.2
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	19	0.2
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	19	0.2
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	19	0.2
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	19	0.2
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	19	0.2
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	19	0.2
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	19	0.2
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	19	0.2
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	19	0.2
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	19	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	19	0.2
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	19	0.2
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	19	0.2
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	19	0.2
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	19	0.2
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	19	0.2
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	19	0.2
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	19	0.2
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	19	0.2
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	19	0.2
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	19	0.2
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	19	0.2
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	19	0.2
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	19	0.2
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	19	0.2
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	19	0.2
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	19	0.2
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	1	0.2
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	1	0.2
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	1	0.2
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	1	0.2
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	1	0.2
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	1	0.2
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	1	0.2
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	1	0.2
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	1	0.2
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	16	0.2
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	16	0.2
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	16	0.2
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	16	0.2
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	16	0.2
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	16	0.2
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	16	0.2
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	16	0.2
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	16	0.2
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	1	0.2
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	1	0.2
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	1	0.2
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	1	0.2
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	1	0.2
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	1	0.2
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	1	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	1	0.2
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	1	0.2
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	7	0.2
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	7	0.2
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	7	0.2
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	7	0.2
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	7	0.2
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	7	0.2
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	7	0.2
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	7	0.2
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	7	0.2
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	9	0.2
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	9	0.2
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	9	0.2
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	9	0.2
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	9	0.2
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	9	0.2
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	9	0.2
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	9	0.2
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	9	0.2
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	10	0.2
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	10	0.2
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	10	0.2
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	10	0.2
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	10	0.2
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	10	0.2
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	10	0.2
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	10	0.2
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	10	0.2
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	11	0.2
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	11	0.2
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	11	0.2
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	11	0.2
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	11	0.2
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	11	0.2
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	11	0.2
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	11	0.2
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	11	0.2
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	12	0.2
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	12	0.2
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	12	0.2
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	12	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	12	0.2
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	12	0.2
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	12	0.2
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	12	0.2
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	12	0.2
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	15	0.2
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	15	0.2
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	15	0.2
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	15	0.2
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	15	0.2
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	15	0.2
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	15	0.2
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	15	0.2
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	15	0.2
(1,139)	1:A:14:TRP:HA	1:A:14:TRP:H	18	0.2
(1,139)	1:A:14:TRP:HA	1:B:14:TRP:H	18	0.2
(1,139)	1:A:14:TRP:HA	1:C:14:TRP:H	18	0.2
(1,139)	1:B:14:TRP:HA	1:A:14:TRP:H	18	0.2
(1,139)	1:B:14:TRP:HA	1:B:14:TRP:H	18	0.2
(1,139)	1:B:14:TRP:HA	1:C:14:TRP:H	18	0.2
(1,139)	1:C:14:TRP:HA	1:A:14:TRP:H	18	0.2
(1,139)	1:C:14:TRP:HA	1:B:14:TRP:H	18	0.2
(1,139)	1:C:14:TRP:HA	1:C:14:TRP:H	18	0.2
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	9	0.2
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	9	0.2
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	9	0.2
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	9	0.2
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	9	0.2
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	9	0.2
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	9	0.2
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	9	0.2
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	9	0.2
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	9	0.2
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	9	0.2
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	9	0.2
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	9	0.2
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	9	0.2
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	9	0.2
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	9	0.2
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	9	0.2
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	9	0.2
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	11	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	11	0.2
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	11	0.2
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	11	0.2
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	11	0.2
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	11	0.2
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	11	0.2
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	11	0.2
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	11	0.2
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	11	0.2
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	11	0.2
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	11	0.2
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	11	0.2
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	11	0.2
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	11	0.2
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	11	0.2
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	11	0.2
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	11	0.2
(1,108)	1:A:3:PHE:HA	1:A:4:GLY:H	13	0.2
(1,108)	1:A:3:PHE:HA	1:B:4:GLY:H	13	0.2
(1,108)	1:A:3:PHE:HA	1:C:4:GLY:H	13	0.2
(1,108)	1:A:5:ALA:HA	1:A:4:GLY:H	13	0.2
(1,108)	1:A:5:ALA:HA	1:B:4:GLY:H	13	0.2
(1,108)	1:A:5:ALA:HA	1:C:4:GLY:H	13	0.2
(1,108)	1:B:3:PHE:HA	1:A:4:GLY:H	13	0.2
(1,108)	1:B:3:PHE:HA	1:B:4:GLY:H	13	0.2
(1,108)	1:B:3:PHE:HA	1:C:4:GLY:H	13	0.2
(1,108)	1:B:5:ALA:HA	1:A:4:GLY:H	13	0.2
(1,108)	1:B:5:ALA:HA	1:B:4:GLY:H	13	0.2
(1,108)	1:B:5:ALA:HA	1:C:4:GLY:H	13	0.2
(1,108)	1:C:3:PHE:HA	1:A:4:GLY:H	13	0.2
(1,108)	1:C:3:PHE:HA	1:B:4:GLY:H	13	0.2
(1,108)	1:C:3:PHE:HA	1:C:4:GLY:H	13	0.2
(1,108)	1:C:5:ALA:HA	1:A:4:GLY:H	13	0.2
(1,108)	1:C:5:ALA:HA	1:B:4:GLY:H	13	0.2
(1,108)	1:C:5:ALA:HA	1:C:4:GLY:H	13	0.2
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG21	4	0.19
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG22	4	0.19
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG23	4	0.19
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG21	4	0.19
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG22	4	0.19
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG23	4	0.19
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG21	4	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG22	4	0.19
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG23	4	0.19
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG21	4	0.19
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG22	4	0.19
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG23	4	0.19
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG21	4	0.19
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG22	4	0.19
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG23	4	0.19
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG21	4	0.19
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG22	4	0.19
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG23	4	0.19
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG21	4	0.19
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG22	4	0.19
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG23	4	0.19
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG21	4	0.19
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG22	4	0.19
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG23	4	0.19
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG21	4	0.19
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG22	4	0.19
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG23	4	0.19
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG21	12	0.19
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG22	12	0.19
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG23	12	0.19
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG21	12	0.19
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG22	12	0.19
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG23	12	0.19
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG21	12	0.19
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG22	12	0.19
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG23	12	0.19
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG21	12	0.19
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG22	12	0.19
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG23	12	0.19
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG21	12	0.19
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG22	12	0.19
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG23	12	0.19
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG21	12	0.19
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG22	12	0.19
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG23	12	0.19
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG21	12	0.19
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG22	12	0.19
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG23	12	0.19
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG21	12	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG22	12	0.19
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG23	12	0.19
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG21	12	0.19
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG22	12	0.19
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG23	12	0.19
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG21	15	0.19
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG22	15	0.19
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG23	15	0.19
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG21	15	0.19
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG22	15	0.19
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG23	15	0.19
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG21	15	0.19
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG22	15	0.19
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG23	15	0.19
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG21	15	0.19
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG22	15	0.19
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG23	15	0.19
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG21	15	0.19
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG22	15	0.19
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG23	15	0.19
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG21	15	0.19
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG22	15	0.19
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG23	15	0.19
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG21	15	0.19
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG22	15	0.19
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG23	15	0.19
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG21	15	0.19
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG22	15	0.19
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG23	15	0.19
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG21	15	0.19
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG22	15	0.19
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG23	15	0.19
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	1	0.19
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	1	0.19
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	1	0.19
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	1	0.19
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	1	0.19
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	1	0.19
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	1	0.19
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	1	0.19
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	1	0.19
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	9	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	9	0.19
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	9	0.19
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	9	0.19
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	9	0.19
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	9	0.19
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	9	0.19
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	9	0.19
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	9	0.19
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	9	0.19
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	9	0.19
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	9	0.19
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	9	0.19
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	9	0.19
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	9	0.19
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	9	0.19
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	9	0.19
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	9	0.19
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	9	0.19
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	9	0.19
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	9	0.19
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	9	0.19
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	9	0.19
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	9	0.19
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	9	0.19
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	9	0.19
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	9	0.19
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	9	0.19
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	9	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	9	0.19
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	9	0.19
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	11	0.19
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	11	0.19
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	11	0.19
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	11	0.19
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	11	0.19
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	11	0.19
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	11	0.19
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	11	0.19
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	11	0.19
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	11	0.19
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	11	0.19
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	11	0.19
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	11	0.19
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	11	0.19
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	11	0.19
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	11	0.19
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	11	0.19
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	11	0.19
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	11	0.19
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	11	0.19
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	11	0.19
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	11	0.19
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	11	0.19
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	11	0.19
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	11	0.19
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	11	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	11	0.19
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	11	0.19
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	11	0.19
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	11	0.19
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	11	0.19
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	4	0.19
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	4	0.19
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	4	0.19
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	4	0.19
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	4	0.19
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	4	0.19
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	4	0.19
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	4	0.19
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	4	0.19
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	4	0.19
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	4	0.19
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	4	0.19
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	4	0.19
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	4	0.19
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	4	0.19
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	4	0.19
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	4	0.19
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	4	0.19
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	4	0.19
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	4	0.19
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	4	0.19
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	4	0.19
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	4	0.19
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	4	0.19
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	4	0.19
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	4	0.19
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	4	0.19
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	4	0.19
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	4	0.19
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	4	0.19
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	4	0.19
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	4	0.19
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	4	0.19
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	4	0.19
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	4	0.19
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	4	0.19
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	4	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	4	0.19
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	4	0.19
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	4	0.19
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	4	0.19
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	4	0.19
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	4	0.19
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	4	0.19
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	4	0.19
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	4	0.19
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	4	0.19
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	4	0.19
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	4	0.19
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	4	0.19
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	4	0.19
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	4	0.19
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	4	0.19
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	4	0.19
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	10	0.19
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	10	0.19
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	10	0.19
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	10	0.19
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	10	0.19
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	10	0.19
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	10	0.19
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	10	0.19
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	10	0.19
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	10	0.19
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	10	0.19
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	10	0.19
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	10	0.19
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	10	0.19
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	10	0.19
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	10	0.19
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	10	0.19
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	10	0.19
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	10	0.19
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	10	0.19
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	10	0.19
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	10	0.19
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	10	0.19
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	10	0.19
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	10	0.19
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	10	0.19
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	10	0.19
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	10	0.19
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	10	0.19
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	10	0.19
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	10	0.19
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	10	0.19
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	10	0.19
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	10	0.19
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	10	0.19
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	10	0.19
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	10	0.19
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	10	0.19
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	10	0.19
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	10	0.19
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	10	0.19
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	10	0.19
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	10	0.19
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	10	0.19
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	10	0.19
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	10	0.19
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	10	0.19
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	10	0.19
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	10	0.19
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	10	0.19
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	10	0.19
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	10	0.19
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	10	0.19
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	14	0.19
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	14	0.19
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	14	0.19
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	14	0.19
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	14	0.19
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	14	0.19
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	14	0.19
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	14	0.19
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	14	0.19
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	14	0.19
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	14	0.19
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	14	0.19
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	14	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	14	0.19
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	14	0.19
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	14	0.19
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	14	0.19
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	14	0.19
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	14	0.19
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	14	0.19
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	14	0.19
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	14	0.19
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	14	0.19
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	14	0.19
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	14	0.19
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	14	0.19
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	14	0.19
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	14	0.19
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	14	0.19
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	14	0.19
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	14	0.19
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	14	0.19
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	14	0.19
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	14	0.19
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	14	0.19
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	14	0.19
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	14	0.19
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	14	0.19
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	14	0.19
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	14	0.19
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	14	0.19
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	14	0.19
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	14	0.19
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	14	0.19
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	14	0.19
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	14	0.19
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	14	0.19
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	14	0.19
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	14	0.19
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	14	0.19
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	14	0.19
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	14	0.19
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	14	0.19
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	14	0.19
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG2	15	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:A:9:PHE:HD1	1:A:17:MET:HG3	15	0.19
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG2	15	0.19
(1,314)	1:A:9:PHE:HD1	1:B:17:MET:HG3	15	0.19
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG2	15	0.19
(1,314)	1:A:9:PHE:HD1	1:C:17:MET:HG3	15	0.19
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG2	15	0.19
(1,314)	1:A:9:PHE:HD2	1:A:17:MET:HG3	15	0.19
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG2	15	0.19
(1,314)	1:A:9:PHE:HD2	1:B:17:MET:HG3	15	0.19
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG2	15	0.19
(1,314)	1:A:9:PHE:HD2	1:C:17:MET:HG3	15	0.19
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG2	15	0.19
(1,314)	1:A:9:PHE:HE1	1:A:17:MET:HG3	15	0.19
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG2	15	0.19
(1,314)	1:A:9:PHE:HE1	1:B:17:MET:HG3	15	0.19
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG2	15	0.19
(1,314)	1:A:9:PHE:HE1	1:C:17:MET:HG3	15	0.19
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG2	15	0.19
(1,314)	1:A:9:PHE:HE2	1:A:17:MET:HG3	15	0.19
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG2	15	0.19
(1,314)	1:A:9:PHE:HE2	1:B:17:MET:HG3	15	0.19
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG2	15	0.19
(1,314)	1:A:9:PHE:HE2	1:C:17:MET:HG3	15	0.19
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG2	15	0.19
(1,314)	1:A:9:PHE:HZ	1:A:17:MET:HG3	15	0.19
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG2	15	0.19
(1,314)	1:A:9:PHE:HZ	1:B:17:MET:HG3	15	0.19
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG2	15	0.19
(1,314)	1:A:9:PHE:HZ	1:C:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG2	15	0.19
(1,314)	1:B:9:PHE:HD1	1:A:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG2	15	0.19
(1,314)	1:B:9:PHE:HD1	1:B:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG2	15	0.19
(1,314)	1:B:9:PHE:HD1	1:C:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG2	15	0.19
(1,314)	1:B:9:PHE:HD2	1:A:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG2	15	0.19
(1,314)	1:B:9:PHE:HD2	1:B:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG2	15	0.19
(1,314)	1:B:9:PHE:HD2	1:C:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG2	15	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:B:9:PHE:HE1	1:A:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG2	15	0.19
(1,314)	1:B:9:PHE:HE1	1:B:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG2	15	0.19
(1,314)	1:B:9:PHE:HE1	1:C:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG2	15	0.19
(1,314)	1:B:9:PHE:HE2	1:A:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG2	15	0.19
(1,314)	1:B:9:PHE:HE2	1:B:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG2	15	0.19
(1,314)	1:B:9:PHE:HE2	1:C:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG2	15	0.19
(1,314)	1:B:9:PHE:HZ	1:A:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG2	15	0.19
(1,314)	1:B:9:PHE:HZ	1:B:17:MET:HG3	15	0.19
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG2	15	0.19
(1,314)	1:B:9:PHE:HZ	1:C:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG2	15	0.19
(1,314)	1:C:9:PHE:HD1	1:A:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG2	15	0.19
(1,314)	1:C:9:PHE:HD1	1:B:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG2	15	0.19
(1,314)	1:C:9:PHE:HD1	1:C:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG2	15	0.19
(1,314)	1:C:9:PHE:HD2	1:A:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG2	15	0.19
(1,314)	1:C:9:PHE:HD2	1:B:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG2	15	0.19
(1,314)	1:C:9:PHE:HD2	1:C:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG2	15	0.19
(1,314)	1:C:9:PHE:HE1	1:A:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG2	15	0.19
(1,314)	1:C:9:PHE:HE1	1:B:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG2	15	0.19
(1,314)	1:C:9:PHE:HE1	1:C:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG2	15	0.19
(1,314)	1:C:9:PHE:HE2	1:A:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG2	15	0.19
(1,314)	1:C:9:PHE:HE2	1:B:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG2	15	0.19
(1,314)	1:C:9:PHE:HE2	1:C:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG2	15	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,314)	1:C:9:PHE:HZ	1:A:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG2	15	0.19
(1,314)	1:C:9:PHE:HZ	1:B:17:MET:HG3	15	0.19
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG2	15	0.19
(1,314)	1:C:9:PHE:HZ	1:C:17:MET:HG3	15	0.19
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE1	19	0.19
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HD1	1:A:17:MET:HE3	19	0.19
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE1	19	0.19
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HD1	1:B:17:MET:HE3	19	0.19
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE1	19	0.19
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HD1	1:C:17:MET:HE3	19	0.19
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE1	19	0.19
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HD2	1:A:17:MET:HE3	19	0.19
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE1	19	0.19
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HD2	1:B:17:MET:HE3	19	0.19
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE1	19	0.19
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HD2	1:C:17:MET:HE3	19	0.19
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE1	19	0.19
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HE1	1:A:17:MET:HE3	19	0.19
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE1	19	0.19
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HE1	1:B:17:MET:HE3	19	0.19
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE1	19	0.19
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HE1	1:C:17:MET:HE3	19	0.19
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE1	19	0.19
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HE2	1:A:17:MET:HE3	19	0.19
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE1	19	0.19
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HE2	1:B:17:MET:HE3	19	0.19
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE1	19	0.19
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HE2	1:C:17:MET:HE3	19	0.19
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE1	19	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HZ	1:A:17:MET:HE3	19	0.19
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE1	19	0.19
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HZ	1:B:17:MET:HE3	19	0.19
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE1	19	0.19
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE2	19	0.19
(1,313)	1:A:9:PHE:HZ	1:C:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE1	19	0.19
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HD1	1:A:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE1	19	0.19
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HD1	1:B:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE1	19	0.19
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HD1	1:C:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE1	19	0.19
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HD2	1:A:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE1	19	0.19
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HD2	1:B:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE1	19	0.19
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HD2	1:C:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE1	19	0.19
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HE1	1:A:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE1	19	0.19
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HE1	1:B:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE1	19	0.19
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HE1	1:C:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE1	19	0.19
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HE2	1:A:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE1	19	0.19
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HE2	1:B:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE1	19	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HE2	1:C:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE1	19	0.19
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HZ	1:A:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE1	19	0.19
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HZ	1:B:17:MET:HE3	19	0.19
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE1	19	0.19
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE2	19	0.19
(1,313)	1:B:9:PHE:HZ	1:C:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE1	19	0.19
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HD1	1:A:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE1	19	0.19
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HD1	1:B:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE1	19	0.19
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HD1	1:C:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE1	19	0.19
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HD2	1:A:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE1	19	0.19
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HD2	1:B:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE1	19	0.19
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HD2	1:C:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE1	19	0.19
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HE1	1:A:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE1	19	0.19
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HE1	1:B:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE1	19	0.19
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HE1	1:C:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE1	19	0.19
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HE2	1:A:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE1	19	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HE2	1:B:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE1	19	0.19
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HE2	1:C:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE1	19	0.19
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HZ	1:A:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE1	19	0.19
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HZ	1:B:17:MET:HE3	19	0.19
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE1	19	0.19
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE2	19	0.19
(1,313)	1:C:9:PHE:HZ	1:C:17:MET:HE3	19	0.19
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	18	0.19
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	18	0.19
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	18	0.19
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	18	0.19
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	18	0.19
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	18	0.19
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	18	0.19
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	18	0.19
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	18	0.19
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	18	0.19
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	18	0.19
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	18	0.19
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	18	0.19
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	18	0.19
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	18	0.19
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	18	0.19
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	18	0.19
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	18	0.19
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	19	0.19
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	19	0.19
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	19	0.19
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	19	0.19
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	19	0.19
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	19	0.19
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	19	0.19
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	19	0.19
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	19	0.19
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	19	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	19	0.19
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	19	0.19
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	19	0.19
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	19	0.19
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	19	0.19
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	19	0.19
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	19	0.19
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	19	0.19
(1,309)	1:A:5:ALA:HB1	1:A:21:TRP:HE3	5	0.19
(1,309)	1:A:5:ALA:HB1	1:B:21:TRP:HE3	5	0.19
(1,309)	1:A:5:ALA:HB1	1:C:21:TRP:HE3	5	0.19
(1,309)	1:A:5:ALA:HB2	1:A:21:TRP:HE3	5	0.19
(1,309)	1:A:5:ALA:HB2	1:B:21:TRP:HE3	5	0.19
(1,309)	1:A:5:ALA:HB2	1:C:21:TRP:HE3	5	0.19
(1,309)	1:A:5:ALA:HB3	1:A:21:TRP:HE3	5	0.19
(1,309)	1:A:5:ALA:HB3	1:B:21:TRP:HE3	5	0.19
(1,309)	1:A:5:ALA:HB3	1:C:21:TRP:HE3	5	0.19
(1,309)	1:B:5:ALA:HB1	1:A:21:TRP:HE3	5	0.19
(1,309)	1:B:5:ALA:HB1	1:B:21:TRP:HE3	5	0.19
(1,309)	1:B:5:ALA:HB1	1:C:21:TRP:HE3	5	0.19
(1,309)	1:B:5:ALA:HB2	1:A:21:TRP:HE3	5	0.19
(1,309)	1:B:5:ALA:HB2	1:B:21:TRP:HE3	5	0.19
(1,309)	1:B:5:ALA:HB2	1:C:21:TRP:HE3	5	0.19
(1,309)	1:B:5:ALA:HB3	1:A:21:TRP:HE3	5	0.19
(1,309)	1:B:5:ALA:HB3	1:B:21:TRP:HE3	5	0.19
(1,309)	1:B:5:ALA:HB3	1:C:21:TRP:HE3	5	0.19
(1,309)	1:C:5:ALA:HB1	1:A:21:TRP:HE3	5	0.19
(1,309)	1:C:5:ALA:HB1	1:B:21:TRP:HE3	5	0.19
(1,309)	1:C:5:ALA:HB1	1:C:21:TRP:HE3	5	0.19
(1,309)	1:C:5:ALA:HB2	1:A:21:TRP:HE3	5	0.19
(1,309)	1:C:5:ALA:HB2	1:B:21:TRP:HE3	5	0.19
(1,309)	1:C:5:ALA:HB2	1:C:21:TRP:HE3	5	0.19
(1,309)	1:C:5:ALA:HB3	1:A:21:TRP:HE3	5	0.19
(1,309)	1:C:5:ALA:HB3	1:B:21:TRP:HE3	5	0.19
(1,309)	1:C:5:ALA:HB3	1:C:21:TRP:HE3	5	0.19
(1,295)	1:A:5:ALA:HB1	1:A:21:TRP:HA	1	0.19
(1,295)	1:A:5:ALA:HB1	1:B:21:TRP:HA	1	0.19
(1,295)	1:A:5:ALA:HB1	1:C:21:TRP:HA	1	0.19
(1,295)	1:A:5:ALA:HB2	1:A:21:TRP:HA	1	0.19
(1,295)	1:A:5:ALA:HB2	1:B:21:TRP:HA	1	0.19
(1,295)	1:A:5:ALA:HB2	1:C:21:TRP:HA	1	0.19
(1,295)	1:A:5:ALA:HB3	1:A:21:TRP:HA	1	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,295)	1:A:5:ALA:HB3	1:B:21:TRP:HA	1	0.19
(1,295)	1:A:5:ALA:HB3	1:C:21:TRP:HA	1	0.19
(1,295)	1:B:5:ALA:HB1	1:A:21:TRP:HA	1	0.19
(1,295)	1:B:5:ALA:HB1	1:B:21:TRP:HA	1	0.19
(1,295)	1:B:5:ALA:HB1	1:C:21:TRP:HA	1	0.19
(1,295)	1:B:5:ALA:HB2	1:A:21:TRP:HA	1	0.19
(1,295)	1:B:5:ALA:HB2	1:B:21:TRP:HA	1	0.19
(1,295)	1:B:5:ALA:HB2	1:C:21:TRP:HA	1	0.19
(1,295)	1:B:5:ALA:HB3	1:A:21:TRP:HA	1	0.19
(1,295)	1:B:5:ALA:HB3	1:B:21:TRP:HA	1	0.19
(1,295)	1:B:5:ALA:HB3	1:C:21:TRP:HA	1	0.19
(1,295)	1:C:5:ALA:HB1	1:A:21:TRP:HA	1	0.19
(1,295)	1:C:5:ALA:HB1	1:B:21:TRP:HA	1	0.19
(1,295)	1:C:5:ALA:HB1	1:C:21:TRP:HA	1	0.19
(1,295)	1:C:5:ALA:HB2	1:A:21:TRP:HA	1	0.19
(1,295)	1:C:5:ALA:HB2	1:B:21:TRP:HA	1	0.19
(1,295)	1:C:5:ALA:HB2	1:C:21:TRP:HA	1	0.19
(1,295)	1:C:5:ALA:HB3	1:A:21:TRP:HA	1	0.19
(1,295)	1:C:5:ALA:HB3	1:B:21:TRP:HA	1	0.19
(1,295)	1:C:5:ALA:HB3	1:C:21:TRP:HA	1	0.19
(1,278)	1:A:2:LEU:HA	1:A:6:ILE:H	1	0.19
(1,278)	1:A:2:LEU:HA	1:B:6:ILE:H	1	0.19
(1,278)	1:A:2:LEU:HA	1:C:6:ILE:H	1	0.19
(1,278)	1:B:2:LEU:HA	1:A:6:ILE:H	1	0.19
(1,278)	1:B:2:LEU:HA	1:B:6:ILE:H	1	0.19
(1,278)	1:B:2:LEU:HA	1:C:6:ILE:H	1	0.19
(1,278)	1:C:2:LEU:HA	1:A:6:ILE:H	1	0.19
(1,278)	1:C:2:LEU:HA	1:B:6:ILE:H	1	0.19
(1,278)	1:C:2:LEU:HA	1:C:6:ILE:H	1	0.19
(1,278)	1:A:2:LEU:HA	1:A:6:ILE:H	13	0.19
(1,278)	1:A:2:LEU:HA	1:B:6:ILE:H	13	0.19
(1,278)	1:A:2:LEU:HA	1:C:6:ILE:H	13	0.19
(1,278)	1:B:2:LEU:HA	1:A:6:ILE:H	13	0.19
(1,278)	1:B:2:LEU:HA	1:B:6:ILE:H	13	0.19
(1,278)	1:B:2:LEU:HA	1:C:6:ILE:H	13	0.19
(1,278)	1:C:2:LEU:HA	1:A:6:ILE:H	13	0.19
(1,278)	1:C:2:LEU:HA	1:B:6:ILE:H	13	0.19
(1,278)	1:C:2:LEU:HA	1:C:6:ILE:H	13	0.19
(1,270)	1:A:14:TRP:HE3	1:A:18:ILE:HG12	13	0.19
(1,270)	1:A:14:TRP:HE3	1:A:18:ILE:HG13	13	0.19
(1,270)	1:A:14:TRP:HE3	1:B:18:ILE:HG12	13	0.19
(1,270)	1:A:14:TRP:HE3	1:B:18:ILE:HG13	13	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,270)	1:A:14:TRP:HE3	1:C:18:ILE:HG12	13	0.19
(1,270)	1:A:14:TRP:HE3	1:C:18:ILE:HG13	13	0.19
(1,270)	1:B:14:TRP:HE3	1:A:18:ILE:HG12	13	0.19
(1,270)	1:B:14:TRP:HE3	1:A:18:ILE:HG13	13	0.19
(1,270)	1:B:14:TRP:HE3	1:B:18:ILE:HG12	13	0.19
(1,270)	1:B:14:TRP:HE3	1:B:18:ILE:HG13	13	0.19
(1,270)	1:B:14:TRP:HE3	1:C:18:ILE:HG12	13	0.19
(1,270)	1:B:14:TRP:HE3	1:C:18:ILE:HG13	13	0.19
(1,270)	1:C:14:TRP:HE3	1:A:18:ILE:HG12	13	0.19
(1,270)	1:C:14:TRP:HE3	1:A:18:ILE:HG13	13	0.19
(1,270)	1:C:14:TRP:HE3	1:B:18:ILE:HG12	13	0.19
(1,270)	1:C:14:TRP:HE3	1:B:18:ILE:HG13	13	0.19
(1,270)	1:C:14:TRP:HE3	1:C:18:ILE:HG12	13	0.19
(1,270)	1:C:14:TRP:HE3	1:C:18:ILE:HG13	13	0.19
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD11	6	0.19
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD12	6	0.19
(1,263)	1:A:14:TRP:HE3	1:A:18:ILE:HD13	6	0.19
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD11	6	0.19
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD12	6	0.19
(1,263)	1:A:14:TRP:HE3	1:B:18:ILE:HD13	6	0.19
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD11	6	0.19
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD12	6	0.19
(1,263)	1:A:14:TRP:HE3	1:C:18:ILE:HD13	6	0.19
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD11	6	0.19
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD12	6	0.19
(1,263)	1:B:14:TRP:HE3	1:A:18:ILE:HD13	6	0.19
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD11	6	0.19
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD12	6	0.19
(1,263)	1:B:14:TRP:HE3	1:B:18:ILE:HD13	6	0.19
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD11	6	0.19
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD12	6	0.19
(1,263)	1:B:14:TRP:HE3	1:C:18:ILE:HD13	6	0.19
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD11	6	0.19
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD12	6	0.19
(1,263)	1:C:14:TRP:HE3	1:A:18:ILE:HD13	6	0.19
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD11	6	0.19
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD12	6	0.19
(1,263)	1:C:14:TRP:HE3	1:B:18:ILE:HD13	6	0.19
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD11	6	0.19
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD12	6	0.19
(1,263)	1:C:14:TRP:HE3	1:C:18:ILE:HD13	6	0.19
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	16	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	16	0.19
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	16	0.19
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	16	0.19
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	16	0.19
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	16	0.19
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	16	0.19
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	16	0.19
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	16	0.19
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	16	0.19
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	16	0.19
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	16	0.19
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	16	0.19
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	16	0.19
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	16	0.19
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	16	0.19
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	16	0.19
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	16	0.19
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	16	0.19
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	16	0.19
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	16	0.19
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	16	0.19
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	16	0.19
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	16	0.19
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	16	0.19
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	16	0.19
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	16	0.19
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	3	0.19
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	3	0.19
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	3	0.19
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	3	0.19
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	3	0.19
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	3	0.19
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	3	0.19
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	3	0.19
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	3	0.19
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	3	0.19
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	3	0.19
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	3	0.19
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	3	0.19
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	3	0.19
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	3	0.19
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	3	0.19
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	3	0.19
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	3	0.19
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	3	0.19
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	3	0.19
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	3	0.19
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	3	0.19
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	3	0.19
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	3	0.19
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	3	0.19
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	3	0.19
(1,217)	1:A:17:MET:HB2	1:A:14:TRP:HA	12	0.19
(1,217)	1:A:17:MET:HB2	1:B:14:TRP:HA	12	0.19
(1,217)	1:A:17:MET:HB2	1:C:14:TRP:HA	12	0.19
(1,217)	1:A:17:MET:HB3	1:A:14:TRP:HA	12	0.19
(1,217)	1:A:17:MET:HB3	1:B:14:TRP:HA	12	0.19
(1,217)	1:A:17:MET:HB3	1:C:14:TRP:HA	12	0.19
(1,217)	1:B:17:MET:HB2	1:A:14:TRP:HA	12	0.19
(1,217)	1:B:17:MET:HB2	1:B:14:TRP:HA	12	0.19
(1,217)	1:B:17:MET:HB2	1:C:14:TRP:HA	12	0.19
(1,217)	1:B:17:MET:HB3	1:A:14:TRP:HA	12	0.19
(1,217)	1:B:17:MET:HB3	1:B:14:TRP:HA	12	0.19
(1,217)	1:B:17:MET:HB3	1:C:14:TRP:HA	12	0.19
(1,217)	1:C:17:MET:HB2	1:A:14:TRP:HA	12	0.19
(1,217)	1:C:17:MET:HB2	1:B:14:TRP:HA	12	0.19
(1,217)	1:C:17:MET:HB2	1:C:14:TRP:HA	12	0.19
(1,217)	1:C:17:MET:HB3	1:A:14:TRP:HA	12	0.19
(1,217)	1:C:17:MET:HB3	1:B:14:TRP:HA	12	0.19
(1,217)	1:C:17:MET:HB3	1:C:14:TRP:HA	12	0.19
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	3	0.19
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	3	0.19
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	3	0.19
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	3	0.19
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	3	0.19
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	3	0.19
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	3	0.19
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	3	0.19
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	3	0.19
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	3	0.19
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	3	0.19
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	3	0.19
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	3	0.19
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	3	0.19
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	3	0.19
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	3	0.19
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	3	0.19
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	4	0.19
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	4	0.19
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	4	0.19
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	4	0.19
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	4	0.19
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	4	0.19
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	4	0.19
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	4	0.19
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	4	0.19
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	6	0.19
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	6	0.19
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	6	0.19
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	6	0.19
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	6	0.19
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	6	0.19
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	6	0.19
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	6	0.19
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	6	0.19
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	8	0.19
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	8	0.19
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	8	0.19
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	8	0.19
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	8	0.19
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	8	0.19
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	8	0.19
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	8	0.19
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	8	0.19
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB2	4	0.18
(1,99)	1:A:21:TRP:HE3	1:A:21:TRP:HB3	4	0.18
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB2	4	0.18
(1,99)	1:A:21:TRP:HE3	1:B:21:TRP:HB3	4	0.18
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB2	4	0.18
(1,99)	1:A:21:TRP:HE3	1:C:21:TRP:HB3	4	0.18
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB2	4	0.18
(1,99)	1:B:21:TRP:HE3	1:A:21:TRP:HB3	4	0.18
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB2	4	0.18
(1,99)	1:B:21:TRP:HE3	1:B:21:TRP:HB3	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB2	4	0.18
(1,99)	1:B:21:TRP:HE3	1:C:21:TRP:HB3	4	0.18
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB2	4	0.18
(1,99)	1:C:21:TRP:HE3	1:A:21:TRP:HB3	4	0.18
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB2	4	0.18
(1,99)	1:C:21:TRP:HE3	1:B:21:TRP:HB3	4	0.18
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB2	4	0.18
(1,99)	1:C:21:TRP:HE3	1:C:21:TRP:HB3	4	0.18
(1,92)	1:A:14:TRP:HD1	1:A:15:THR:HB	16	0.18
(1,92)	1:A:14:TRP:HD1	1:B:15:THR:HB	16	0.18
(1,92)	1:A:14:TRP:HD1	1:C:15:THR:HB	16	0.18
(1,92)	1:B:14:TRP:HD1	1:A:15:THR:HB	16	0.18
(1,92)	1:B:14:TRP:HD1	1:B:15:THR:HB	16	0.18
(1,92)	1:B:14:TRP:HD1	1:C:15:THR:HB	16	0.18
(1,92)	1:C:14:TRP:HD1	1:A:15:THR:HB	16	0.18
(1,92)	1:C:14:TRP:HD1	1:B:15:THR:HB	16	0.18
(1,92)	1:C:14:TRP:HD1	1:C:15:THR:HB	16	0.18
(1,92)	1:A:14:TRP:HD1	1:A:15:THR:HB	18	0.18
(1,92)	1:A:14:TRP:HD1	1:B:15:THR:HB	18	0.18
(1,92)	1:A:14:TRP:HD1	1:C:15:THR:HB	18	0.18
(1,92)	1:B:14:TRP:HD1	1:A:15:THR:HB	18	0.18
(1,92)	1:B:14:TRP:HD1	1:B:15:THR:HB	18	0.18
(1,92)	1:B:14:TRP:HD1	1:C:15:THR:HB	18	0.18
(1,92)	1:C:14:TRP:HD1	1:A:15:THR:HB	18	0.18
(1,92)	1:C:14:TRP:HD1	1:B:15:THR:HB	18	0.18
(1,92)	1:C:14:TRP:HD1	1:C:15:THR:HB	18	0.18
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	20	0.18
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	20	0.18
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	20	0.18
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	20	0.18
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	20	0.18
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	20	0.18
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	20	0.18
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	20	0.18
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	20	0.18
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	2	0.18
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	2	0.18
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	2	0.18
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	2	0.18
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	2	0.18
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	2	0.18
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	2	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	2	0.18
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	2	0.18
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	18	0.18
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	18	0.18
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	18	0.18
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	18	0.18
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	18	0.18
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	18	0.18
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	18	0.18
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	18	0.18
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	18	0.18
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	3	0.18
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	3	0.18
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	3	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	3	0.18
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	3	0.18
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	3	0.18
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	3	0.18
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	3	0.18
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	3	0.18
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	3	0.18
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	3	0.18
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	3	0.18
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	3	0.18
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	3	0.18
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	3	0.18
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	3	0.18
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	3	0.18
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	10	0.18
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	10	0.18
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	10	0.18
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	10	0.18
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	10	0.18
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	10	0.18
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	10	0.18
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	10	0.18
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	10	0.18
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	10	0.18
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	10	0.18
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	10	0.18
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	10	0.18
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	10	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	10	0.18
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	10	0.18
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	10	0.18
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	18	0.18
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	18	0.18
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	18	0.18
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	18	0.18
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	18	0.18
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	18	0.18
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	18	0.18
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	18	0.18
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	18	0.18
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	18	0.18
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	18	0.18
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	18	0.18
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	18	0.18
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	18	0.18
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	18	0.18
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	18	0.18
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	18	0.18
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	18	0.18
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	18	0.18
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	18	0.18
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	18	0.18
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	18	0.18
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	18	0.18
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	18	0.18
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	18	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	18	0.18
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	18	0.18
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	18	0.18
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	18	0.18
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	18	0.18
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	18	0.18
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	1	0.18
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	1	0.18
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	1	0.18
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	1	0.18
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	1	0.18
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	1	0.18
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	1	0.18
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	1	0.18
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	1	0.18
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	1	0.18
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	1	0.18
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	1	0.18
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	1	0.18
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	1	0.18
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	1	0.18
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	1	0.18
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	12	0.18
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	12	0.18
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	12	0.18
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	12	0.18
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	12	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	12	0.18
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	12	0.18
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	12	0.18
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	12	0.18
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	12	0.18
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	12	0.18
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	12	0.18
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	12	0.18
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	12	0.18
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	12	0.18
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	12	0.18
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	12	0.18
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	15	0.18
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	15	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	15	0.18
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	15	0.18
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	15	0.18
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	15	0.18
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	15	0.18
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	15	0.18
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	15	0.18
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	15	0.18
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	15	0.18
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	15	0.18
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	15	0.18
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	15	0.18
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	15	0.18
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	15	0.18
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	15	0.18
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	19	0.18
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	19	0.18
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	19	0.18
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	19	0.18
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	19	0.18
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	19	0.18
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	19	0.18
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	19	0.18
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	19	0.18
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	19	0.18
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	19	0.18
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	19	0.18
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	19	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	19	0.18
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	19	0.18
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	19	0.18
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	19	0.18
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	7	0.18
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	7	0.18
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	7	0.18
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	7	0.18
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	7	0.18
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	7	0.18
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	7	0.18
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	7	0.18
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	7	0.18
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	7	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	7	0.18
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	7	0.18
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	7	0.18
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	7	0.18
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	7	0.18
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	7	0.18
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	7	0.18
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	7	0.18
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	7	0.18
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	7	0.18
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	7	0.18
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	7	0.18
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	7	0.18
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	7	0.18
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	7	0.18
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	7	0.18
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	7	0.18
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	7	0.18
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	7	0.18
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	7	0.18
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	7	0.18
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	7	0.18
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	7	0.18
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	7	0.18
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	7	0.18
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	7	0.18
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	7	0.18
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	7	0.18
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	7	0.18
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	7	0.18
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	7	0.18
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	7	0.18
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	7	0.18
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	7	0.18
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	7	0.18
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	7	0.18
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	7	0.18
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	7	0.18
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	7	0.18
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	7	0.18
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	7	0.18
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	7	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	7	0.18
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	7	0.18
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	9	0.18
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	9	0.18
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	9	0.18
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	9	0.18
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	9	0.18
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	9	0.18
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	9	0.18
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	9	0.18
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	9	0.18
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	9	0.18
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	9	0.18
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	9	0.18
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	9	0.18
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	9	0.18
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	9	0.18
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	9	0.18
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	9	0.18
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	9	0.18
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	9	0.18
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	9	0.18
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	9	0.18
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	9	0.18
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	9	0.18
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	9	0.18
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	9	0.18
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	9	0.18
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	9	0.18
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	18	0.18
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	18	0.18
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	18	0.18
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	18	0.18
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	18	0.18
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	18	0.18
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	18	0.18
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	18	0.18
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	18	0.18
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	18	0.18
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	18	0.18
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	18	0.18
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	18	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	18	0.18
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	18	0.18
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	18	0.18
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	18	0.18
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	18	0.18
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	18	0.18
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	18	0.18
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	18	0.18
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	18	0.18
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	18	0.18
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	18	0.18
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	18	0.18
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	18	0.18
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	18	0.18
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	20	0.18
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	20	0.18
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	20	0.18
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	20	0.18
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	20	0.18
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	20	0.18
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	20	0.18
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	20	0.18
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	20	0.18
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	20	0.18
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	20	0.18
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	20	0.18
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	20	0.18
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	20	0.18
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	20	0.18
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	20	0.18
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	20	0.18
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	20	0.18
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	20	0.18
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	20	0.18
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	20	0.18
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	20	0.18
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	20	0.18
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	20	0.18
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	20	0.18
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	20	0.18
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	20	0.18
(1,4)	1:A:2:LEU:HG	1:A:2:LEU:HA	3	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:2:LEU:HG	1:B:2:LEU:HA	3	0.18
(1,4)	1:A:2:LEU:HG	1:C:2:LEU:HA	3	0.18
(1,4)	1:B:2:LEU:HG	1:A:2:LEU:HA	3	0.18
(1,4)	1:B:2:LEU:HG	1:B:2:LEU:HA	3	0.18
(1,4)	1:B:2:LEU:HG	1:C:2:LEU:HA	3	0.18
(1,4)	1:C:2:LEU:HG	1:A:2:LEU:HA	3	0.18
(1,4)	1:C:2:LEU:HG	1:B:2:LEU:HA	3	0.18
(1,4)	1:C:2:LEU:HG	1:C:2:LEU:HA	3	0.18
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	9	0.18
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	9	0.18
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	9	0.18
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	9	0.18
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	9	0.18
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	9	0.18
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	9	0.18
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	9	0.18
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	9	0.18
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	9	0.18
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	9	0.18
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	9	0.18
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	9	0.18
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	9	0.18
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	9	0.18
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	9	0.18
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	9	0.18
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	9	0.18
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	9	0.18
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	9	0.18
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	9	0.18
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	9	0.18
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	9	0.18
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	9	0.18
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	9	0.18
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	9	0.18
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	9	0.18
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB2	12	0.18
(1,299)	1:A:5:ALA:HB1	1:A:21:TRP:HB3	12	0.18
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB2	12	0.18
(1,299)	1:A:5:ALA:HB1	1:B:21:TRP:HB3	12	0.18
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB2	12	0.18
(1,299)	1:A:5:ALA:HB1	1:C:21:TRP:HB3	12	0.18
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB2	12	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:A:5:ALA:HB2	1:A:21:TRP:HB3	12	0.18
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB2	12	0.18
(1,299)	1:A:5:ALA:HB2	1:B:21:TRP:HB3	12	0.18
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB2	12	0.18
(1,299)	1:A:5:ALA:HB2	1:C:21:TRP:HB3	12	0.18
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB2	12	0.18
(1,299)	1:A:5:ALA:HB3	1:A:21:TRP:HB3	12	0.18
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB2	12	0.18
(1,299)	1:A:5:ALA:HB3	1:B:21:TRP:HB3	12	0.18
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB2	12	0.18
(1,299)	1:A:5:ALA:HB3	1:C:21:TRP:HB3	12	0.18
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB2	12	0.18
(1,299)	1:B:5:ALA:HB1	1:A:21:TRP:HB3	12	0.18
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB2	12	0.18
(1,299)	1:B:5:ALA:HB1	1:B:21:TRP:HB3	12	0.18
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB2	12	0.18
(1,299)	1:B:5:ALA:HB1	1:C:21:TRP:HB3	12	0.18
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB2	12	0.18
(1,299)	1:B:5:ALA:HB2	1:A:21:TRP:HB3	12	0.18
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB2	12	0.18
(1,299)	1:B:5:ALA:HB2	1:B:21:TRP:HB3	12	0.18
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB2	12	0.18
(1,299)	1:B:5:ALA:HB2	1:C:21:TRP:HB3	12	0.18
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB2	12	0.18
(1,299)	1:B:5:ALA:HB3	1:A:21:TRP:HB3	12	0.18
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB2	12	0.18
(1,299)	1:B:5:ALA:HB3	1:B:21:TRP:HB3	12	0.18
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB2	12	0.18
(1,299)	1:B:5:ALA:HB3	1:C:21:TRP:HB3	12	0.18
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB2	12	0.18
(1,299)	1:C:5:ALA:HB1	1:A:21:TRP:HB3	12	0.18
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB2	12	0.18
(1,299)	1:C:5:ALA:HB1	1:B:21:TRP:HB3	12	0.18
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB2	12	0.18
(1,299)	1:C:5:ALA:HB1	1:C:21:TRP:HB3	12	0.18
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB2	12	0.18
(1,299)	1:C:5:ALA:HB2	1:A:21:TRP:HB3	12	0.18
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB2	12	0.18
(1,299)	1:C:5:ALA:HB2	1:B:21:TRP:HB3	12	0.18
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB2	12	0.18
(1,299)	1:C:5:ALA:HB2	1:C:21:TRP:HB3	12	0.18
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB2	12	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,299)	1:C:5:ALA:HB3	1:A:21:TRP:HB3	12	0.18
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB2	12	0.18
(1,299)	1:C:5:ALA:HB3	1:B:21:TRP:HB3	12	0.18
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB2	12	0.18
(1,299)	1:C:5:ALA:HB3	1:C:21:TRP:HB3	12	0.18
(1,29)	1:A:15:THR:HG21	1:A:16:GLY:HA2	8	0.18
(1,29)	1:A:15:THR:HG21	1:B:16:GLY:HA2	8	0.18
(1,29)	1:A:15:THR:HG21	1:C:16:GLY:HA2	8	0.18
(1,29)	1:A:15:THR:HG22	1:A:16:GLY:HA2	8	0.18
(1,29)	1:A:15:THR:HG22	1:B:16:GLY:HA2	8	0.18
(1,29)	1:A:15:THR:HG22	1:C:16:GLY:HA2	8	0.18
(1,29)	1:A:15:THR:HG23	1:A:16:GLY:HA2	8	0.18
(1,29)	1:A:15:THR:HG23	1:B:16:GLY:HA2	8	0.18
(1,29)	1:A:15:THR:HG23	1:C:16:GLY:HA2	8	0.18
(1,29)	1:B:15:THR:HG21	1:A:16:GLY:HA2	8	0.18
(1,29)	1:B:15:THR:HG21	1:B:16:GLY:HA2	8	0.18
(1,29)	1:B:15:THR:HG21	1:C:16:GLY:HA2	8	0.18
(1,29)	1:B:15:THR:HG22	1:A:16:GLY:HA2	8	0.18
(1,29)	1:B:15:THR:HG22	1:B:16:GLY:HA2	8	0.18
(1,29)	1:B:15:THR:HG22	1:C:16:GLY:HA2	8	0.18
(1,29)	1:B:15:THR:HG23	1:A:16:GLY:HA2	8	0.18
(1,29)	1:B:15:THR:HG23	1:B:16:GLY:HA2	8	0.18
(1,29)	1:B:15:THR:HG23	1:C:16:GLY:HA2	8	0.18
(1,29)	1:C:15:THR:HG21	1:A:16:GLY:HA2	8	0.18
(1,29)	1:C:15:THR:HG21	1:B:16:GLY:HA2	8	0.18
(1,29)	1:C:15:THR:HG21	1:C:16:GLY:HA2	8	0.18
(1,29)	1:C:15:THR:HG22	1:A:16:GLY:HA2	8	0.18
(1,29)	1:C:15:THR:HG22	1:B:16:GLY:HA2	8	0.18
(1,29)	1:C:15:THR:HG22	1:C:16:GLY:HA2	8	0.18
(1,29)	1:C:15:THR:HG23	1:A:16:GLY:HA2	8	0.18
(1,29)	1:C:15:THR:HG23	1:B:16:GLY:HA2	8	0.18
(1,29)	1:C:15:THR:HG23	1:C:16:GLY:HA2	8	0.18
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG21	10	0.18
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG22	10	0.18
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG23	10	0.18
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG21	10	0.18
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG22	10	0.18
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG23	10	0.18
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG21	10	0.18
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG22	10	0.18
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG23	10	0.18
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG21	10	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG22	10	0.18
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG23	10	0.18
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG21	10	0.18
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG22	10	0.18
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG23	10	0.18
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG21	10	0.18
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG22	10	0.18
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG23	10	0.18
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG21	10	0.18
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG22	10	0.18
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG23	10	0.18
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG21	10	0.18
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG22	10	0.18
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG23	10	0.18
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG21	10	0.18
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG22	10	0.18
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG23	10	0.18
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG21	10	0.18
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG22	10	0.18
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG23	10	0.18
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG21	10	0.18
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG22	10	0.18
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG23	10	0.18
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG21	10	0.18
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG22	10	0.18
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG23	10	0.18
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG21	10	0.18
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG22	10	0.18
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG23	10	0.18
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG21	10	0.18
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG22	10	0.18
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG23	10	0.18
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG21	10	0.18
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG22	10	0.18
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG23	10	0.18
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG21	10	0.18
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG22	10	0.18
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG23	10	0.18
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG21	10	0.18
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG22	10	0.18
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG23	10	0.18
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG21	10	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG22	10	0.18
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG23	10	0.18
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD11	17	0.18
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD12	17	0.18
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD13	17	0.18
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD11	17	0.18
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD12	17	0.18
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD13	17	0.18
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD11	17	0.18
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD12	17	0.18
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD13	17	0.18
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD11	17	0.18
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD12	17	0.18
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD13	17	0.18
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD11	17	0.18
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD12	17	0.18
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD13	17	0.18
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD11	17	0.18
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD12	17	0.18
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD13	17	0.18
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD11	17	0.18
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD12	17	0.18
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD13	17	0.18
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD11	17	0.18
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD12	17	0.18
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD13	17	0.18
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD11	17	0.18
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD12	17	0.18
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD13	17	0.18
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	1	0.18
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	1	0.18
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	1	0.18
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	1	0.18
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	1	0.18
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	1	0.18
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	1	0.18
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	1	0.18
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	1	0.18
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	1	0.18
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	1	0.18
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	1	0.18
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	1	0.18
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	1	0.18
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	1	0.18
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	1	0.18
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	1	0.18
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	1	0.18
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	1	0.18
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	1	0.18
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	1	0.18
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	1	0.18
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	1	0.18
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	1	0.18
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	1	0.18
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	1	0.18
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	11	0.18
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	11	0.18
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	11	0.18
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	11	0.18
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	11	0.18
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	11	0.18
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	11	0.18
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	11	0.18
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	11	0.18
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	11	0.18
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	11	0.18
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	11	0.18
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	11	0.18
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	11	0.18
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	11	0.18
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	11	0.18
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	11	0.18
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	11	0.18
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	11	0.18
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	11	0.18
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	11	0.18
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	11	0.18
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	11	0.18
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	11	0.18
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	11	0.18
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	11	0.18
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	11	0.18
(1,256)	1:A:14:TRP:HZ3	1:A:17:MET:HE1	9	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,256)	1:A:14:TRP:HZ3	1:A:17:MET:HE2	9	0.18
(1,256)	1:A:14:TRP:HZ3	1:A:17:MET:HE3	9	0.18
(1,256)	1:A:14:TRP:HZ3	1:B:17:MET:HE1	9	0.18
(1,256)	1:A:14:TRP:HZ3	1:B:17:MET:HE2	9	0.18
(1,256)	1:A:14:TRP:HZ3	1:B:17:MET:HE3	9	0.18
(1,256)	1:A:14:TRP:HZ3	1:C:17:MET:HE1	9	0.18
(1,256)	1:A:14:TRP:HZ3	1:C:17:MET:HE2	9	0.18
(1,256)	1:A:14:TRP:HZ3	1:C:17:MET:HE3	9	0.18
(1,256)	1:B:14:TRP:HZ3	1:A:17:MET:HE1	9	0.18
(1,256)	1:B:14:TRP:HZ3	1:A:17:MET:HE2	9	0.18
(1,256)	1:B:14:TRP:HZ3	1:A:17:MET:HE3	9	0.18
(1,256)	1:B:14:TRP:HZ3	1:B:17:MET:HE1	9	0.18
(1,256)	1:B:14:TRP:HZ3	1:B:17:MET:HE2	9	0.18
(1,256)	1:B:14:TRP:HZ3	1:B:17:MET:HE3	9	0.18
(1,256)	1:B:14:TRP:HZ3	1:C:17:MET:HE1	9	0.18
(1,256)	1:B:14:TRP:HZ3	1:C:17:MET:HE2	9	0.18
(1,256)	1:B:14:TRP:HZ3	1:C:17:MET:HE3	9	0.18
(1,256)	1:C:14:TRP:HZ3	1:A:17:MET:HE1	9	0.18
(1,256)	1:C:14:TRP:HZ3	1:A:17:MET:HE2	9	0.18
(1,256)	1:C:14:TRP:HZ3	1:A:17:MET:HE3	9	0.18
(1,256)	1:C:14:TRP:HZ3	1:B:17:MET:HE1	9	0.18
(1,256)	1:C:14:TRP:HZ3	1:B:17:MET:HE2	9	0.18
(1,256)	1:C:14:TRP:HZ3	1:B:17:MET:HE3	9	0.18
(1,256)	1:C:14:TRP:HZ3	1:C:17:MET:HE1	9	0.18
(1,256)	1:C:14:TRP:HZ3	1:C:17:MET:HE2	9	0.18
(1,256)	1:C:14:TRP:HZ3	1:C:17:MET:HE3	9	0.18
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	14	0.18
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	14	0.18
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	14	0.18
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	14	0.18
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	14	0.18
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	14	0.18
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	14	0.18
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	14	0.18
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	14	0.18
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	14	0.18
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	14	0.18
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	14	0.18
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	14	0.18
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	14	0.18
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	14	0.18
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	14	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	14	0.18
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	14	0.18
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	20	0.18
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	20	0.18
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	20	0.18
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	20	0.18
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	20	0.18
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	20	0.18
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	20	0.18
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	20	0.18
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	20	0.18
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	20	0.18
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	20	0.18
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	20	0.18
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	20	0.18
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	20	0.18
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	20	0.18
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	20	0.18
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	20	0.18
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	20	0.18
(1,211)	1:A:9:PHE:HB2	1:A:6:ILE:HA	9	0.18
(1,211)	1:A:9:PHE:HB2	1:B:6:ILE:HA	9	0.18
(1,211)	1:A:9:PHE:HB2	1:C:6:ILE:HA	9	0.18
(1,211)	1:A:9:PHE:HB3	1:A:6:ILE:HA	9	0.18
(1,211)	1:A:9:PHE:HB3	1:B:6:ILE:HA	9	0.18
(1,211)	1:A:9:PHE:HB3	1:C:6:ILE:HA	9	0.18
(1,211)	1:B:9:PHE:HB2	1:A:6:ILE:HA	9	0.18
(1,211)	1:B:9:PHE:HB2	1:B:6:ILE:HA	9	0.18
(1,211)	1:B:9:PHE:HB2	1:C:6:ILE:HA	9	0.18
(1,211)	1:B:9:PHE:HB3	1:A:6:ILE:HA	9	0.18
(1,211)	1:B:9:PHE:HB3	1:B:6:ILE:HA	9	0.18
(1,211)	1:B:9:PHE:HB3	1:C:6:ILE:HA	9	0.18
(1,211)	1:C:9:PHE:HB2	1:A:6:ILE:HA	9	0.18
(1,211)	1:C:9:PHE:HB2	1:B:6:ILE:HA	9	0.18
(1,211)	1:C:9:PHE:HB2	1:C:6:ILE:HA	9	0.18
(1,211)	1:C:9:PHE:HB3	1:A:6:ILE:HA	9	0.18
(1,211)	1:C:9:PHE:HB3	1:B:6:ILE:HA	9	0.18
(1,211)	1:C:9:PHE:HB3	1:C:6:ILE:HA	9	0.18
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	12	0.18
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	12	0.18
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	12	0.18
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	12	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	12	0.18
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	12	0.18
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	12	0.18
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	12	0.18
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	12	0.18
(1,186)	1:A:14:TRP:HB2	1:A:15:THR:H	9	0.18
(1,186)	1:A:14:TRP:HB2	1:B:15:THR:H	9	0.18
(1,186)	1:A:14:TRP:HB2	1:C:15:THR:H	9	0.18
(1,186)	1:A:14:TRP:HB3	1:A:15:THR:H	9	0.18
(1,186)	1:A:14:TRP:HB3	1:B:15:THR:H	9	0.18
(1,186)	1:A:14:TRP:HB3	1:C:15:THR:H	9	0.18
(1,186)	1:B:14:TRP:HB2	1:A:15:THR:H	9	0.18
(1,186)	1:B:14:TRP:HB2	1:B:15:THR:H	9	0.18
(1,186)	1:B:14:TRP:HB2	1:C:15:THR:H	9	0.18
(1,186)	1:B:14:TRP:HB3	1:A:15:THR:H	9	0.18
(1,186)	1:B:14:TRP:HB3	1:B:15:THR:H	9	0.18
(1,186)	1:B:14:TRP:HB3	1:C:15:THR:H	9	0.18
(1,186)	1:C:14:TRP:HB2	1:A:15:THR:H	9	0.18
(1,186)	1:C:14:TRP:HB2	1:B:15:THR:H	9	0.18
(1,186)	1:C:14:TRP:HB2	1:C:15:THR:H	9	0.18
(1,186)	1:C:14:TRP:HB3	1:A:15:THR:H	9	0.18
(1,186)	1:C:14:TRP:HB3	1:B:15:THR:H	9	0.18
(1,186)	1:C:14:TRP:HB3	1:C:15:THR:H	9	0.18
(1,186)	1:A:14:TRP:HB2	1:A:15:THR:H	12	0.18
(1,186)	1:A:14:TRP:HB2	1:B:15:THR:H	12	0.18
(1,186)	1:A:14:TRP:HB2	1:C:15:THR:H	12	0.18
(1,186)	1:A:14:TRP:HB3	1:A:15:THR:H	12	0.18
(1,186)	1:A:14:TRP:HB3	1:B:15:THR:H	12	0.18
(1,186)	1:A:14:TRP:HB3	1:C:15:THR:H	12	0.18
(1,186)	1:B:14:TRP:HB2	1:A:15:THR:H	12	0.18
(1,186)	1:B:14:TRP:HB2	1:B:15:THR:H	12	0.18
(1,186)	1:B:14:TRP:HB2	1:C:15:THR:H	12	0.18
(1,186)	1:B:14:TRP:HB3	1:A:15:THR:H	12	0.18
(1,186)	1:B:14:TRP:HB3	1:B:15:THR:H	12	0.18
(1,186)	1:B:14:TRP:HB3	1:C:15:THR:H	12	0.18
(1,186)	1:C:14:TRP:HB2	1:A:15:THR:H	12	0.18
(1,186)	1:C:14:TRP:HB2	1:B:15:THR:H	12	0.18
(1,186)	1:C:14:TRP:HB2	1:C:15:THR:H	12	0.18
(1,186)	1:C:14:TRP:HB3	1:A:15:THR:H	12	0.18
(1,186)	1:C:14:TRP:HB3	1:B:15:THR:H	12	0.18
(1,186)	1:C:14:TRP:HB3	1:C:15:THR:H	12	0.18
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	6	0.18
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	6	0.18
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	6	0.18
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	6	0.18
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	6	0.18
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	6	0.18
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	6	0.18
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	6	0.18
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	6	0.18
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	6	0.18
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	6	0.18
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	6	0.18
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	6	0.18
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	6	0.18
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	6	0.18
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	6	0.18
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	6	0.18
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	6	0.18
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	6	0.18
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	6	0.18
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	6	0.18
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	6	0.18
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	6	0.18
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	6	0.18
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	6	0.18
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	6	0.18
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG21	12	0.17
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG22	12	0.17
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG23	12	0.17
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG21	12	0.17
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG22	12	0.17
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG23	12	0.17
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG21	12	0.17
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG22	12	0.17
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG23	12	0.17
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG21	12	0.17
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG22	12	0.17
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG23	12	0.17
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG21	12	0.17
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG22	12	0.17
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG23	12	0.17
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG21	12	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG22	12	0.17
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG23	12	0.17
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG21	12	0.17
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG22	12	0.17
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG23	12	0.17
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG21	12	0.17
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG22	12	0.17
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG23	12	0.17
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG21	12	0.17
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG22	12	0.17
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG23	12	0.17
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	2	0.17
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	2	0.17
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	2	0.17
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	2	0.17
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	2	0.17
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	2	0.17
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	2	0.17
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	2	0.17
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	2	0.17
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	2	0.17
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	2	0.17
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	2	0.17
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	2	0.17
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	2	0.17
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	2	0.17
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	2	0.17
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	2	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	2	0.17
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	2	0.17
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	2	0.17
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	2	0.17
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	2	0.17
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	2	0.17
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	2	0.17
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	2	0.17
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	2	0.17
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	2	0.17
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	2	0.17
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	2	0.17
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	2	0.17
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	2	0.17
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	8	0.17
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	8	0.17
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	8	0.17
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	8	0.17
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	8	0.17
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	8	0.17
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	8	0.17
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	8	0.17
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	8	0.17
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	8	0.17
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	8	0.17
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	8	0.17
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	8	0.17
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	8	0.17
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	8	0.17
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	8	0.17
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	16	0.17
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	16	0.17
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	16	0.17
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	16	0.17
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	16	0.17
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	16	0.17
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	16	0.17
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	16	0.17
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	16	0.17
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	16	0.17
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	16	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	16	0.17
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	16	0.17
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	16	0.17
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	16	0.17
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	16	0.17
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	16	0.17
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	17	0.17
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	17	0.17
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	17	0.17
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	17	0.17
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	17	0.17
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	17	0.17
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	17	0.17
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	17	0.17
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	17	0.17
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	17	0.17
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	17	0.17
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	17	0.17
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	17	0.17
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	17	0.17
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	17	0.17
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	17	0.17
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	17	0.17
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	17	0.17
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	17	0.17
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	17	0.17
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	17	0.17
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	17	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	17	0.17
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	17	0.17
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	17	0.17
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	17	0.17
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	17	0.17
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	17	0.17
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	17	0.17
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	17	0.17
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	17	0.17
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	16	0.17
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	16	0.17
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	16	0.17
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	16	0.17
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	16	0.17
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	16	0.17
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	16	0.17
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	16	0.17
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	16	0.17
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	16	0.17
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	16	0.17
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	16	0.17
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	16	0.17
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	16	0.17
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	16	0.17
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	16	0.17
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	16	0.17
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	16	0.17
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	16	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	16	0.17
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	16	0.17
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	16	0.17
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	16	0.17
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	16	0.17
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	16	0.17
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	16	0.17
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	16	0.17
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	16	0.17
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	16	0.17
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	16	0.17
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	16	0.17
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	16	0.17
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	16	0.17
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	16	0.17
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	16	0.17
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	16	0.17
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	16	0.17
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	16	0.17
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	16	0.17
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	16	0.17
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	16	0.17
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	16	0.17
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	16	0.17
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	16	0.17
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	16	0.17
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	16	0.17
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	16	0.17
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	16	0.17
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	16	0.17
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	16	0.17
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	16	0.17
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	16	0.17
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	16	0.17
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	16	0.17
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB2	9	0.17
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB3	9	0.17
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB2	9	0.17
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB3	9	0.17
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB2	9	0.17
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB3	9	0.17
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB2	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB3	9	0.17
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB2	9	0.17
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB3	9	0.17
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB2	9	0.17
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB3	9	0.17
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB2	9	0.17
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB3	9	0.17
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB2	9	0.17
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB3	9	0.17
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB2	9	0.17
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB3	9	0.17
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB2	9	0.17
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB3	9	0.17
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB2	9	0.17
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB3	9	0.17
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB2	9	0.17
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB3	9	0.17
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB2	9	0.17
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB3	9	0.17
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB2	9	0.17
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB3	9	0.17
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB2	9	0.17
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB3	9	0.17
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB2	9	0.17
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB3	9	0.17
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB2	9	0.17
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB3	9	0.17
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB2	9	0.17
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB3	9	0.17
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB2	9	0.17
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB3	9	0.17
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB2	9	0.17
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB3	9	0.17
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB2	9	0.17
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB3	9	0.17
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB2	9	0.17
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB3	9	0.17
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB2	9	0.17
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB3	9	0.17
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB2	9	0.17
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB3	9	0.17
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB2	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB3	9	0.17
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB2	9	0.17
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB3	9	0.17
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB2	9	0.17
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB3	9	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	1	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	1	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	1	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	1	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	1	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	1	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	1	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	1	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	1	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	1	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	1	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	1	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	1	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	1	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	1	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	1	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	1	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	1	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	1	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	1	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	1	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	1	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	1	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	1	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	1	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	1	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	1	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	2	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	2	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	2	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	2	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	2	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	2	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	2	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	2	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	2	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	2	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	2	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	2	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	2	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	2	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	2	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	2	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	2	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	2	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	2	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	2	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	2	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	2	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	2	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	2	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	2	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	2	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	2	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	3	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	3	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	3	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	3	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	3	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	3	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	3	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	3	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	3	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	3	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	3	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	3	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	3	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	3	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	3	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	3	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	3	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	3	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	3	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	3	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	3	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	3	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	3	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	3	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	3	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	3	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	3	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	4	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	4	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	4	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	4	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	4	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	4	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	4	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	4	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	4	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	4	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	4	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	4	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	4	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	4	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	4	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	4	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	4	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	4	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	4	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	4	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	4	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	4	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	4	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	4	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	4	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	4	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	4	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	5	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	5	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	5	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	5	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	5	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	5	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	5	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	5	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	5	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	5	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	5	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	5	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	5	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	5	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	5	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	5	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	5	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	5	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	5	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	5	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	5	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	5	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	5	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	5	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	5	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	5	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	5	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	6	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	6	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	6	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	6	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	6	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	6	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	6	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	6	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	6	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	6	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	6	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	6	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	6	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	6	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	6	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	6	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	6	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	6	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	6	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	6	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	6	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	6	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	6	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	6	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	6	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	6	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	6	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	7	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	7	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	7	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	7	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	7	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	7	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	7	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	7	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	7	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	7	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	7	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	7	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	7	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	7	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	7	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	7	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	7	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	7	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	7	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	7	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	7	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	7	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	7	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	7	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	7	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	7	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	7	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	8	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	8	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	8	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	8	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	8	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	8	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	8	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	8	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	8	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	8	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	8	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	8	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	8	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	8	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	8	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	8	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	8	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	8	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	8	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	8	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	8	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	8	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	8	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	8	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	8	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	8	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	10	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	10	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	10	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	10	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	10	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	10	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	10	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	10	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	10	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	10	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	10	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	10	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	10	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	10	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	10	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	10	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	10	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	10	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	10	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	10	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	10	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	10	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	10	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	10	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	10	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	10	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	10	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	11	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	11	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	11	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	11	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	11	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	11	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	11	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	11	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	11	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	11	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	11	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	11	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	11	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	11	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	11	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	11	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	11	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	11	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	11	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	11	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	11	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	11	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	11	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	11	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	11	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	11	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	11	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	12	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	12	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	12	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	12	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	12	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	12	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	12	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	12	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	12	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	12	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	12	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	12	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	12	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	12	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	12	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	12	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	12	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	12	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	12	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	12	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	12	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	12	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	12	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	12	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	12	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	12	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	12	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	13	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	13	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	13	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	13	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	13	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	13	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	13	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	13	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	13	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	13	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	13	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	13	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	13	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	13	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	13	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	13	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	13	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	13	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	13	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	13	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	13	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	13	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	13	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	13	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	13	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	13	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	13	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	14	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	14	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	14	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	14	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	14	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	14	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	14	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	14	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	14	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	14	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	14	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	14	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	14	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	14	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	14	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	14	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	14	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	14	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	14	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	14	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	14	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	14	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	14	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	14	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	14	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	14	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	14	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	15	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	15	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	15	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	15	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	15	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	15	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	15	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	15	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	15	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	15	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	15	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	15	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	15	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	15	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	15	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	15	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	15	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	15	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	15	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	15	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	15	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	15	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	15	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	15	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	15	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	15	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	15	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	16	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	16	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	16	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	16	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	16	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	16	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	16	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	16	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	16	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	16	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	16	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	16	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	16	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	16	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	16	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	16	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	16	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	16	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	16	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	16	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	16	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	16	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	16	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	16	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	16	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	16	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	16	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	17	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	17	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	17	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	17	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	17	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	17	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	17	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	17	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	17	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	17	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	17	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	17	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	17	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	17	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	17	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	17	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	17	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	17	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	17	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	17	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	17	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	17	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	17	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	17	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	17	0.17
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	17	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	17	0.17
(1,45)	1:A:2:LEU:HD11	1:A:2:LEU:HG	19	0.17
(1,45)	1:A:2:LEU:HD11	1:B:2:LEU:HG	19	0.17
(1,45)	1:A:2:LEU:HD11	1:C:2:LEU:HG	19	0.17
(1,45)	1:A:2:LEU:HD12	1:A:2:LEU:HG	19	0.17
(1,45)	1:A:2:LEU:HD12	1:B:2:LEU:HG	19	0.17
(1,45)	1:A:2:LEU:HD12	1:C:2:LEU:HG	19	0.17
(1,45)	1:A:2:LEU:HD13	1:A:2:LEU:HG	19	0.17
(1,45)	1:A:2:LEU:HD13	1:B:2:LEU:HG	19	0.17
(1,45)	1:A:2:LEU:HD13	1:C:2:LEU:HG	19	0.17
(1,45)	1:B:2:LEU:HD11	1:A:2:LEU:HG	19	0.17
(1,45)	1:B:2:LEU:HD11	1:B:2:LEU:HG	19	0.17
(1,45)	1:B:2:LEU:HD11	1:C:2:LEU:HG	19	0.17
(1,45)	1:B:2:LEU:HD12	1:A:2:LEU:HG	19	0.17
(1,45)	1:B:2:LEU:HD12	1:B:2:LEU:HG	19	0.17
(1,45)	1:B:2:LEU:HD12	1:C:2:LEU:HG	19	0.17
(1,45)	1:B:2:LEU:HD13	1:A:2:LEU:HG	19	0.17
(1,45)	1:B:2:LEU:HD13	1:B:2:LEU:HG	19	0.17
(1,45)	1:B:2:LEU:HD13	1:C:2:LEU:HG	19	0.17
(1,45)	1:C:2:LEU:HD11	1:A:2:LEU:HG	19	0.17
(1,45)	1:C:2:LEU:HD11	1:B:2:LEU:HG	19	0.17
(1,45)	1:C:2:LEU:HD11	1:C:2:LEU:HG	19	0.17
(1,45)	1:C:2:LEU:HD12	1:A:2:LEU:HG	19	0.17
(1,45)	1:C:2:LEU:HD12	1:B:2:LEU:HG	19	0.17
(1,45)	1:C:2:LEU:HD12	1:C:2:LEU:HG	19	0.17
(1,45)	1:C:2:LEU:HD13	1:A:2:LEU:HG	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,45)	1:C:2:LEU:HD13	1:B:2:LEU:HG	19	0.17
(1,45)	1:C:2:LEU:HD13	1:C:2:LEU:HG	19	0.17
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	17	0.17
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	17	0.17
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	17	0.17
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	17	0.17
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	17	0.17
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	17	0.17
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	17	0.17
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	17	0.17
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	17	0.17
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	17	0.17
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	17	0.17
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	17	0.17
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	17	0.17
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	17	0.17
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	17	0.17
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	17	0.17
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	17	0.17
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	17	0.17
(1,309)	1:A:5:ALA:HB1	1:A:21:TRP:HE3	13	0.17
(1,309)	1:A:5:ALA:HB1	1:B:21:TRP:HE3	13	0.17
(1,309)	1:A:5:ALA:HB1	1:C:21:TRP:HE3	13	0.17
(1,309)	1:A:5:ALA:HB2	1:A:21:TRP:HE3	13	0.17
(1,309)	1:A:5:ALA:HB2	1:B:21:TRP:HE3	13	0.17
(1,309)	1:A:5:ALA:HB2	1:C:21:TRP:HE3	13	0.17
(1,309)	1:A:5:ALA:HB3	1:A:21:TRP:HE3	13	0.17
(1,309)	1:A:5:ALA:HB3	1:B:21:TRP:HE3	13	0.17
(1,309)	1:A:5:ALA:HB3	1:C:21:TRP:HE3	13	0.17
(1,309)	1:B:5:ALA:HB1	1:A:21:TRP:HE3	13	0.17
(1,309)	1:B:5:ALA:HB1	1:B:21:TRP:HE3	13	0.17
(1,309)	1:B:5:ALA:HB1	1:C:21:TRP:HE3	13	0.17
(1,309)	1:B:5:ALA:HB2	1:A:21:TRP:HE3	13	0.17
(1,309)	1:B:5:ALA:HB2	1:B:21:TRP:HE3	13	0.17
(1,309)	1:B:5:ALA:HB2	1:C:21:TRP:HE3	13	0.17
(1,309)	1:B:5:ALA:HB3	1:A:21:TRP:HE3	13	0.17
(1,309)	1:B:5:ALA:HB3	1:B:21:TRP:HE3	13	0.17
(1,309)	1:B:5:ALA:HB3	1:C:21:TRP:HE3	13	0.17
(1,309)	1:C:5:ALA:HB1	1:A:21:TRP:HE3	13	0.17
(1,309)	1:C:5:ALA:HB1	1:B:21:TRP:HE3	13	0.17
(1,309)	1:C:5:ALA:HB1	1:C:21:TRP:HE3	13	0.17
(1,309)	1:C:5:ALA:HB2	1:A:21:TRP:HE3	13	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,309)	1:C:5:ALA:HB2	1:B:21:TRP:HE3	13	0.17
(1,309)	1:C:5:ALA:HB2	1:C:21:TRP:HE3	13	0.17
(1,309)	1:C:5:ALA:HB3	1:A:21:TRP:HE3	13	0.17
(1,309)	1:C:5:ALA:HB3	1:B:21:TRP:HE3	13	0.17
(1,309)	1:C:5:ALA:HB3	1:C:21:TRP:HE3	13	0.17
(1,309)	1:A:5:ALA:HB1	1:A:21:TRP:HE3	14	0.17
(1,309)	1:A:5:ALA:HB1	1:B:21:TRP:HE3	14	0.17
(1,309)	1:A:5:ALA:HB1	1:C:21:TRP:HE3	14	0.17
(1,309)	1:A:5:ALA:HB2	1:A:21:TRP:HE3	14	0.17
(1,309)	1:A:5:ALA:HB2	1:B:21:TRP:HE3	14	0.17
(1,309)	1:A:5:ALA:HB2	1:C:21:TRP:HE3	14	0.17
(1,309)	1:A:5:ALA:HB3	1:A:21:TRP:HE3	14	0.17
(1,309)	1:A:5:ALA:HB3	1:B:21:TRP:HE3	14	0.17
(1,309)	1:A:5:ALA:HB3	1:C:21:TRP:HE3	14	0.17
(1,309)	1:B:5:ALA:HB1	1:A:21:TRP:HE3	14	0.17
(1,309)	1:B:5:ALA:HB1	1:B:21:TRP:HE3	14	0.17
(1,309)	1:B:5:ALA:HB1	1:C:21:TRP:HE3	14	0.17
(1,309)	1:B:5:ALA:HB2	1:A:21:TRP:HE3	14	0.17
(1,309)	1:B:5:ALA:HB2	1:B:21:TRP:HE3	14	0.17
(1,309)	1:B:5:ALA:HB2	1:C:21:TRP:HE3	14	0.17
(1,309)	1:B:5:ALA:HB3	1:A:21:TRP:HE3	14	0.17
(1,309)	1:B:5:ALA:HB3	1:B:21:TRP:HE3	14	0.17
(1,309)	1:B:5:ALA:HB3	1:C:21:TRP:HE3	14	0.17
(1,309)	1:C:5:ALA:HB1	1:A:21:TRP:HE3	14	0.17
(1,309)	1:C:5:ALA:HB1	1:B:21:TRP:HE3	14	0.17
(1,309)	1:C:5:ALA:HB1	1:C:21:TRP:HE3	14	0.17
(1,309)	1:C:5:ALA:HB2	1:A:21:TRP:HE3	14	0.17
(1,309)	1:C:5:ALA:HB2	1:B:21:TRP:HE3	14	0.17
(1,309)	1:C:5:ALA:HB2	1:C:21:TRP:HE3	14	0.17
(1,309)	1:C:5:ALA:HB3	1:A:21:TRP:HE3	14	0.17
(1,309)	1:C:5:ALA:HB3	1:B:21:TRP:HE3	14	0.17
(1,309)	1:C:5:ALA:HB3	1:C:21:TRP:HE3	14	0.17
(1,278)	1:A:2:LEU:HA	1:A:6:ILE:H	14	0.17
(1,278)	1:A:2:LEU:HA	1:B:6:ILE:H	14	0.17
(1,278)	1:A:2:LEU:HA	1:C:6:ILE:H	14	0.17
(1,278)	1:B:2:LEU:HA	1:A:6:ILE:H	14	0.17
(1,278)	1:B:2:LEU:HA	1:B:6:ILE:H	14	0.17
(1,278)	1:B:2:LEU:HA	1:C:6:ILE:H	14	0.17
(1,278)	1:C:2:LEU:HA	1:A:6:ILE:H	14	0.17
(1,278)	1:C:2:LEU:HA	1:B:6:ILE:H	14	0.17
(1,278)	1:C:2:LEU:HA	1:C:6:ILE:H	14	0.17
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD11	20	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD12	20	0.17
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD13	20	0.17
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD11	20	0.17
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD12	20	0.17
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD13	20	0.17
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD11	20	0.17
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD12	20	0.17
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD13	20	0.17
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD11	20	0.17
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD12	20	0.17
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD13	20	0.17
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD11	20	0.17
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD12	20	0.17
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD13	20	0.17
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD11	20	0.17
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD12	20	0.17
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD13	20	0.17
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD11	20	0.17
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD12	20	0.17
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD13	20	0.17
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD11	20	0.17
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD12	20	0.17
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD13	20	0.17
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD11	20	0.17
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD12	20	0.17
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD13	20	0.17
(1,237)	1:A:14:TRP:HD1	1:A:10:ILE:HA	13	0.17
(1,237)	1:A:14:TRP:HD1	1:B:10:ILE:HA	13	0.17
(1,237)	1:A:14:TRP:HD1	1:C:10:ILE:HA	13	0.17
(1,237)	1:B:14:TRP:HD1	1:A:10:ILE:HA	13	0.17
(1,237)	1:B:14:TRP:HD1	1:B:10:ILE:HA	13	0.17
(1,237)	1:B:14:TRP:HD1	1:C:10:ILE:HA	13	0.17
(1,237)	1:C:14:TRP:HD1	1:A:10:ILE:HA	13	0.17
(1,237)	1:C:14:TRP:HD1	1:B:10:ILE:HA	13	0.17
(1,237)	1:C:14:TRP:HD1	1:C:10:ILE:HA	13	0.17
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	6	0.17
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	6	0.17
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	6	0.17
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	6	0.17
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	6	0.17
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	6	0.17
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	6	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	6	0.17
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	6	0.17
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	6	0.17
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	6	0.17
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	6	0.17
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	6	0.17
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	6	0.17
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	6	0.17
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	6	0.17
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	6	0.17
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	6	0.17
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	8	0.17
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	8	0.17
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	8	0.17
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	8	0.17
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	8	0.17
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	8	0.17
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	8	0.17
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	8	0.17
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	8	0.17
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	8	0.17
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	8	0.17
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	8	0.17
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	8	0.17
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	8	0.17
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	8	0.17
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	8	0.17
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	8	0.17
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	8	0.17
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	3	0.17
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	3	0.17
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	3	0.17
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	3	0.17
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	3	0.17
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	3	0.17
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	3	0.17
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	3	0.17
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	3	0.17
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	3	0.17
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	3	0.17
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	3	0.17
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	3	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	3	0.17
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	3	0.17
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	3	0.17
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	3	0.17
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	3	0.17
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	3	0.17
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	3	0.17
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	3	0.17
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	3	0.17
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	3	0.17
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	3	0.17
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	3	0.17
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	3	0.17
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	3	0.17
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	3	0.17
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	3	0.17
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	3	0.17
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	3	0.17
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	3	0.17
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	3	0.17
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	3	0.17
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	3	0.17
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	3	0.17
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	3	0.17
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	3	0.17
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	3	0.17
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	3	0.17
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	3	0.17
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	3	0.17
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	3	0.17
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	3	0.17
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	3	0.17
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	3	0.17
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	3	0.17
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	3	0.17
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	3	0.17
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	3	0.17
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	3	0.17
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	3	0.17
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	3	0.17
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	3	0.17
(1,201)	1:A:19:ASP:HB2	1:A:20:GLY:H	17	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,201)	1:A:19:ASP:HB2	1:B:20:GLY:H	17	0.17
(1,201)	1:A:19:ASP:HB2	1:C:20:GLY:H	17	0.17
(1,201)	1:A:19:ASP:HB3	1:A:20:GLY:H	17	0.17
(1,201)	1:A:19:ASP:HB3	1:B:20:GLY:H	17	0.17
(1,201)	1:A:19:ASP:HB3	1:C:20:GLY:H	17	0.17
(1,201)	1:B:19:ASP:HB2	1:A:20:GLY:H	17	0.17
(1,201)	1:B:19:ASP:HB2	1:B:20:GLY:H	17	0.17
(1,201)	1:B:19:ASP:HB2	1:C:20:GLY:H	17	0.17
(1,201)	1:B:19:ASP:HB3	1:A:20:GLY:H	17	0.17
(1,201)	1:B:19:ASP:HB3	1:B:20:GLY:H	17	0.17
(1,201)	1:B:19:ASP:HB3	1:C:20:GLY:H	17	0.17
(1,201)	1:C:19:ASP:HB2	1:A:20:GLY:H	17	0.17
(1,201)	1:C:19:ASP:HB2	1:B:20:GLY:H	17	0.17
(1,201)	1:C:19:ASP:HB2	1:C:20:GLY:H	17	0.17
(1,201)	1:C:19:ASP:HB3	1:A:20:GLY:H	17	0.17
(1,201)	1:C:19:ASP:HB3	1:B:20:GLY:H	17	0.17
(1,201)	1:C:19:ASP:HB3	1:C:20:GLY:H	17	0.17
(1,186)	1:A:14:TRP:HB2	1:A:15:THR:H	13	0.17
(1,186)	1:A:14:TRP:HB2	1:B:15:THR:H	13	0.17
(1,186)	1:A:14:TRP:HB2	1:C:15:THR:H	13	0.17
(1,186)	1:A:14:TRP:HB3	1:A:15:THR:H	13	0.17
(1,186)	1:A:14:TRP:HB3	1:B:15:THR:H	13	0.17
(1,186)	1:A:14:TRP:HB3	1:C:15:THR:H	13	0.17
(1,186)	1:B:14:TRP:HB2	1:A:15:THR:H	13	0.17
(1,186)	1:B:14:TRP:HB2	1:B:15:THR:H	13	0.17
(1,186)	1:B:14:TRP:HB2	1:C:15:THR:H	13	0.17
(1,186)	1:B:14:TRP:HB3	1:A:15:THR:H	13	0.17
(1,186)	1:B:14:TRP:HB3	1:B:15:THR:H	13	0.17
(1,186)	1:B:14:TRP:HB3	1:C:15:THR:H	13	0.17
(1,186)	1:C:14:TRP:HB2	1:A:15:THR:H	13	0.17
(1,186)	1:C:14:TRP:HB2	1:B:15:THR:H	13	0.17
(1,186)	1:C:14:TRP:HB2	1:C:15:THR:H	13	0.17
(1,186)	1:C:14:TRP:HB3	1:A:15:THR:H	13	0.17
(1,186)	1:C:14:TRP:HB3	1:B:15:THR:H	13	0.17
(1,186)	1:C:14:TRP:HB3	1:C:15:THR:H	13	0.17
(1,186)	1:A:14:TRP:HB2	1:A:15:THR:H	14	0.17
(1,186)	1:A:14:TRP:HB2	1:B:15:THR:H	14	0.17
(1,186)	1:A:14:TRP:HB2	1:C:15:THR:H	14	0.17
(1,186)	1:A:14:TRP:HB3	1:A:15:THR:H	14	0.17
(1,186)	1:A:14:TRP:HB3	1:B:15:THR:H	14	0.17
(1,186)	1:A:14:TRP:HB3	1:C:15:THR:H	14	0.17
(1,186)	1:B:14:TRP:HB2	1:A:15:THR:H	14	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,186)	1:B:14:TRP:HB2	1:B:15:THR:H	14	0.17
(1,186)	1:B:14:TRP:HB2	1:C:15:THR:H	14	0.17
(1,186)	1:B:14:TRP:HB3	1:A:15:THR:H	14	0.17
(1,186)	1:B:14:TRP:HB3	1:B:15:THR:H	14	0.17
(1,186)	1:B:14:TRP:HB3	1:C:15:THR:H	14	0.17
(1,186)	1:C:14:TRP:HB2	1:A:15:THR:H	14	0.17
(1,186)	1:C:14:TRP:HB2	1:B:15:THR:H	14	0.17
(1,186)	1:C:14:TRP:HB2	1:C:15:THR:H	14	0.17
(1,186)	1:C:14:TRP:HB3	1:A:15:THR:H	14	0.17
(1,186)	1:C:14:TRP:HB3	1:B:15:THR:H	14	0.17
(1,186)	1:C:14:TRP:HB3	1:C:15:THR:H	14	0.17
(1,177)	1:A:10:ILE:HD11	1:A:11:GLU:H	19	0.17
(1,177)	1:A:10:ILE:HD11	1:B:11:GLU:H	19	0.17
(1,177)	1:A:10:ILE:HD11	1:C:11:GLU:H	19	0.17
(1,177)	1:A:10:ILE:HD12	1:A:11:GLU:H	19	0.17
(1,177)	1:A:10:ILE:HD12	1:B:11:GLU:H	19	0.17
(1,177)	1:A:10:ILE:HD12	1:C:11:GLU:H	19	0.17
(1,177)	1:A:10:ILE:HD13	1:A:11:GLU:H	19	0.17
(1,177)	1:A:10:ILE:HD13	1:B:11:GLU:H	19	0.17
(1,177)	1:A:10:ILE:HD13	1:C:11:GLU:H	19	0.17
(1,177)	1:B:10:ILE:HD11	1:A:11:GLU:H	19	0.17
(1,177)	1:B:10:ILE:HD11	1:B:11:GLU:H	19	0.17
(1,177)	1:B:10:ILE:HD11	1:C:11:GLU:H	19	0.17
(1,177)	1:B:10:ILE:HD12	1:A:11:GLU:H	19	0.17
(1,177)	1:B:10:ILE:HD12	1:B:11:GLU:H	19	0.17
(1,177)	1:B:10:ILE:HD12	1:C:11:GLU:H	19	0.17
(1,177)	1:B:10:ILE:HD13	1:A:11:GLU:H	19	0.17
(1,177)	1:B:10:ILE:HD13	1:B:11:GLU:H	19	0.17
(1,177)	1:B:10:ILE:HD13	1:C:11:GLU:H	19	0.17
(1,177)	1:C:10:ILE:HD11	1:A:11:GLU:H	19	0.17
(1,177)	1:C:10:ILE:HD11	1:B:11:GLU:H	19	0.17
(1,177)	1:C:10:ILE:HD11	1:C:11:GLU:H	19	0.17
(1,177)	1:C:10:ILE:HD12	1:A:11:GLU:H	19	0.17
(1,177)	1:C:10:ILE:HD12	1:B:11:GLU:H	19	0.17
(1,177)	1:C:10:ILE:HD12	1:C:11:GLU:H	19	0.17
(1,177)	1:C:10:ILE:HD13	1:A:11:GLU:H	19	0.17
(1,177)	1:C:10:ILE:HD13	1:B:11:GLU:H	19	0.17
(1,177)	1:C:10:ILE:HD13	1:C:11:GLU:H	19	0.17
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	7	0.17
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	7	0.17
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	7	0.17
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	7	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	7	0.17
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	7	0.17
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	7	0.17
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	7	0.17
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	7	0.17
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	7	0.17
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	7	0.17
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	7	0.17
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	7	0.17
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	7	0.17
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	7	0.17
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	7	0.17
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	7	0.17
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	7	0.17
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	7	0.17
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	7	0.17
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	7	0.17
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	7	0.17
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	7	0.17
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	7	0.17
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	7	0.17
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	7	0.17
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	7	0.17
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	12	0.17
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	12	0.17
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	12	0.17
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	12	0.17
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	12	0.17
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	12	0.17
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	12	0.17
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	12	0.17
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	12	0.17
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	12	0.17
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	12	0.17
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	12	0.17
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	12	0.17
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	12	0.17
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	12	0.17
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	12	0.17
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	12	0.17
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	12	0.17
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	12	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	12	0.17
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	12	0.17
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	12	0.17
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	12	0.17
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	12	0.17
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	12	0.17
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	12	0.17
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	12	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	1	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	1	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	1	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	1	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	1	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	1	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	1	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	1	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	1	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	2	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	2	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	2	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	2	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	2	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	2	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	2	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	2	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	2	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	3	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	3	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	3	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	3	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	3	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	3	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	3	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	3	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	3	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	4	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	4	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	4	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	4	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	4	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	4	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	4	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	4	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	4	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	5	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	5	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	5	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	5	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	5	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	5	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	5	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	5	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	5	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	6	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	6	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	6	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	6	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	6	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	6	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	6	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	6	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	6	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	7	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	7	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	7	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	7	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	7	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	7	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	7	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	7	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	7	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	8	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	8	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	8	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	8	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	8	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	8	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	8	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	8	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	8	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	9	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	9	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	9	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	9	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	9	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	9	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	9	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	9	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	10	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	10	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	10	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	10	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	10	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	10	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	10	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	10	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	10	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	11	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	11	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	11	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	11	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	11	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	11	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	11	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	11	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	11	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	12	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	12	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	12	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	12	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	12	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	12	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	12	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	12	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	12	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	13	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	13	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	13	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	13	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	13	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	13	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	13	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	13	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	13	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	14	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	14	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	14	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	14	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	14	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	14	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	14	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	14	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	14	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	16	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	16	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	16	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	16	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	16	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	16	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	16	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	16	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	16	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	17	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	17	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	17	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	17	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	17	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	17	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	17	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	17	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	17	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	18	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	18	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	18	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	18	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	18	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	18	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	18	0.17
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	18	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	18	0.17
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	19	0.17
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	19	0.17
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	19	0.17
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	19	0.17
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	19	0.17
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	19	0.17
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	19	0.17
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	19	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	1	0.17
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	1	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	1	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	1	0.17
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	1	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	1	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	1	0.17
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	1	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	1	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	2	0.17
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	2	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	2	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	2	0.17
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	2	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	2	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	2	0.17
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	2	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	2	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	4	0.17
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	4	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	4	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	4	0.17
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	4	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	4	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	4	0.17
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	4	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	4	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	6	0.17
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	6	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	6	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	6	0.17
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	6	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	6	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	6	0.17
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	6	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	6	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	8	0.17
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	8	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	8	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	8	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	8	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	8	0.17
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	8	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	8	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	10	0.17
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	10	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	10	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	10	0.17
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	10	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	10	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	10	0.17
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	10	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	10	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	12	0.17
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	12	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	12	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	12	0.17
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	12	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	12	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	12	0.17
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	12	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	12	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	13	0.17
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	13	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	13	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	13	0.17
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	13	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	13	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	13	0.17
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	13	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	13	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	14	0.17
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	14	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	14	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	14	0.17
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	14	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	14	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	14	0.17
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	14	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	14	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	15	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	15	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	15	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	15	0.17
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	15	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	15	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	15	0.17
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	15	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	15	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	16	0.17
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	16	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	16	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	16	0.17
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	16	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	16	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	16	0.17
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	16	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	16	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	17	0.17
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	17	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	17	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	17	0.17
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	17	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	17	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	17	0.17
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	17	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	17	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	19	0.17
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	19	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	19	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	19	0.17
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	19	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	19	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	19	0.17
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	19	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	19	0.17
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	20	0.17
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	20	0.17
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	20	0.17
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	20	0.17
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	20	0.17
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	20	0.17
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	20	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	20	0.17
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	20	0.17
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG21	9	0.16
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG22	9	0.16
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG23	9	0.16
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG21	9	0.16
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG22	9	0.16
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG23	9	0.16
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG21	9	0.16
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG22	9	0.16
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG23	9	0.16
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG21	9	0.16
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG22	9	0.16
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG23	9	0.16
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG21	9	0.16
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG22	9	0.16
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG23	9	0.16
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG21	9	0.16
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG22	9	0.16
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG23	9	0.16
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG21	9	0.16
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG22	9	0.16
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG23	9	0.16
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG21	9	0.16
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG22	9	0.16
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG23	9	0.16
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG21	9	0.16
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG22	9	0.16
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG23	9	0.16
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	14	0.16
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	14	0.16
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	14	0.16
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	14	0.16
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	14	0.16
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	14	0.16
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	14	0.16
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	14	0.16
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	14	0.16
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	14	0.16
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	14	0.16
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	14	0.16
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	14	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	14	0.16
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	14	0.16
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	14	0.16
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	14	0.16
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	4	0.16
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	4	0.16
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	4	0.16
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	4	0.16
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	4	0.16
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	4	0.16
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	4	0.16
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	4	0.16
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	4	0.16
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	11	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	11	0.16
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	11	0.16
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	11	0.16
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	11	0.16
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	11	0.16
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	11	0.16
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	11	0.16
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	11	0.16
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	11	0.16
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	11	0.16
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	11	0.16
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	11	0.16
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	11	0.16
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	11	0.16
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	11	0.16
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	11	0.16
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	11	0.16
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	11	0.16
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	11	0.16
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	11	0.16
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	11	0.16
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	11	0.16
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	11	0.16
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	11	0.16
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	11	0.16
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	11	0.16
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	11	0.16
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	11	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	11	0.16
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	11	0.16
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	16	0.16
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	16	0.16
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	16	0.16
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	16	0.16
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	16	0.16
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	16	0.16
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	16	0.16
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	16	0.16
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	16	0.16
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	16	0.16
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	16	0.16
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	16	0.16
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	16	0.16
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	16	0.16
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	16	0.16
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	16	0.16
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	16	0.16
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	16	0.16
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	16	0.16
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	16	0.16
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	16	0.16
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	16	0.16
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	16	0.16
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	16	0.16
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	16	0.16
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	16	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	16	0.16
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	16	0.16
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	16	0.16
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	16	0.16
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	16	0.16
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	2	0.16
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	2	0.16
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	2	0.16
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	2	0.16
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	2	0.16
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	2	0.16
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	2	0.16
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	2	0.16
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	2	0.16
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	2	0.16
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	2	0.16
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	2	0.16
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	2	0.16
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	2	0.16
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	2	0.16
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	2	0.16
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	2	0.16
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	2	0.16
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	2	0.16
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	2	0.16
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	2	0.16
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	2	0.16
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	2	0.16
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	2	0.16
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	2	0.16
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	2	0.16
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	2	0.16
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	2	0.16
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	2	0.16
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	2	0.16
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	2	0.16
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	2	0.16
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	2	0.16
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	2	0.16
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	2	0.16
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	2	0.16
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	2	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	2	0.16
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	2	0.16
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	2	0.16
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	2	0.16
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	2	0.16
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	2	0.16
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	2	0.16
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	2	0.16
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	2	0.16
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	2	0.16
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	2	0.16
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	2	0.16
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	2	0.16
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	2	0.16
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	2	0.16
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	2	0.16
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	2	0.16
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	9	0.16
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	9	0.16
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	9	0.16
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	9	0.16
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	9	0.16
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	9	0.16
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	9	0.16
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	9	0.16
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	9	0.16
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	9	0.16
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	9	0.16
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	9	0.16
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	9	0.16
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	9	0.16
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	9	0.16
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	9	0.16
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	9	0.16
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	9	0.16
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	9	0.16
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	9	0.16
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	9	0.16
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	9	0.16
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	9	0.16
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	9	0.16
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	9	0.16
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	9	0.16
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	9	0.16
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	9	0.16
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	9	0.16
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	9	0.16
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	9	0.16
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	9	0.16
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	9	0.16
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	9	0.16
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	9	0.16
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	9	0.16
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	9	0.16
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	9	0.16
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	9	0.16
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	9	0.16
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	9	0.16
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	9	0.16
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	9	0.16
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	9	0.16
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	9	0.16
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	9	0.16
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	9	0.16
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	9	0.16
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	9	0.16
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	9	0.16
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	9	0.16
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	9	0.16
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	9	0.16
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	18	0.16
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	18	0.16
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	18	0.16
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	18	0.16
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	18	0.16
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	18	0.16
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	18	0.16
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	18	0.16
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	18	0.16
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	18	0.16
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	18	0.16
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	18	0.16
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	18	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	18	0.16
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	18	0.16
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	18	0.16
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	18	0.16
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	18	0.16
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	18	0.16
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	18	0.16
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	18	0.16
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	18	0.16
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	18	0.16
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	18	0.16
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	18	0.16
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	18	0.16
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	18	0.16
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	18	0.16
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	18	0.16
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	18	0.16
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	18	0.16
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	18	0.16
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	18	0.16
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	18	0.16
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	18	0.16
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	18	0.16
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	18	0.16
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	18	0.16
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	18	0.16
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	18	0.16
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	18	0.16
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	18	0.16
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	18	0.16
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	18	0.16
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	18	0.16
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	18	0.16
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	18	0.16
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	18	0.16
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	18	0.16
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	18	0.16
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	18	0.16
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	18	0.16
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	18	0.16
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	18	0.16
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB2	17	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB3	17	0.16
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB2	17	0.16
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB3	17	0.16
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB2	17	0.16
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB3	17	0.16
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB2	17	0.16
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB3	17	0.16
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB2	17	0.16
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB3	17	0.16
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB2	17	0.16
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB3	17	0.16
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB2	17	0.16
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB3	17	0.16
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB2	17	0.16
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB3	17	0.16
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB2	17	0.16
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB3	17	0.16
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB2	17	0.16
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB3	17	0.16
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB2	17	0.16
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB3	17	0.16
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB2	17	0.16
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB3	17	0.16
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB2	17	0.16
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB3	17	0.16
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB2	17	0.16
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB3	17	0.16
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB2	17	0.16
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB3	17	0.16
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB2	17	0.16
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB3	17	0.16
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB2	17	0.16
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB3	17	0.16
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB2	17	0.16
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB3	17	0.16
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB2	17	0.16
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB3	17	0.16
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB2	17	0.16
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB3	17	0.16
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB2	17	0.16
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB3	17	0.16
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB2	17	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB3	17	0.16
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB2	17	0.16
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB3	17	0.16
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB2	17	0.16
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB3	17	0.16
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB2	17	0.16
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB3	17	0.16
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB2	17	0.16
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB3	17	0.16
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB2	17	0.16
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB3	17	0.16
(1,33)	1:A:17:MET:HE1	1:A:18:ILE:HA	8	0.16
(1,33)	1:A:17:MET:HE1	1:B:18:ILE:HA	8	0.16
(1,33)	1:A:17:MET:HE1	1:C:18:ILE:HA	8	0.16
(1,33)	1:A:17:MET:HE2	1:A:18:ILE:HA	8	0.16
(1,33)	1:A:17:MET:HE2	1:B:18:ILE:HA	8	0.16
(1,33)	1:A:17:MET:HE2	1:C:18:ILE:HA	8	0.16
(1,33)	1:A:17:MET:HE3	1:A:18:ILE:HA	8	0.16
(1,33)	1:A:17:MET:HE3	1:B:18:ILE:HA	8	0.16
(1,33)	1:A:17:MET:HE3	1:C:18:ILE:HA	8	0.16
(1,33)	1:B:17:MET:HE1	1:A:18:ILE:HA	8	0.16
(1,33)	1:B:17:MET:HE1	1:B:18:ILE:HA	8	0.16
(1,33)	1:B:17:MET:HE1	1:C:18:ILE:HA	8	0.16
(1,33)	1:B:17:MET:HE2	1:A:18:ILE:HA	8	0.16
(1,33)	1:B:17:MET:HE2	1:B:18:ILE:HA	8	0.16
(1,33)	1:B:17:MET:HE2	1:C:18:ILE:HA	8	0.16
(1,33)	1:B:17:MET:HE3	1:A:18:ILE:HA	8	0.16
(1,33)	1:B:17:MET:HE3	1:B:18:ILE:HA	8	0.16
(1,33)	1:B:17:MET:HE3	1:C:18:ILE:HA	8	0.16
(1,33)	1:C:17:MET:HE1	1:A:18:ILE:HA	8	0.16
(1,33)	1:C:17:MET:HE1	1:B:18:ILE:HA	8	0.16
(1,33)	1:C:17:MET:HE1	1:C:18:ILE:HA	8	0.16
(1,33)	1:C:17:MET:HE2	1:A:18:ILE:HA	8	0.16
(1,33)	1:C:17:MET:HE2	1:B:18:ILE:HA	8	0.16
(1,33)	1:C:17:MET:HE2	1:C:18:ILE:HA	8	0.16
(1,33)	1:C:17:MET:HE3	1:A:18:ILE:HA	8	0.16
(1,33)	1:C:17:MET:HE3	1:B:18:ILE:HA	8	0.16
(1,33)	1:C:17:MET:HE3	1:C:18:ILE:HA	8	0.16
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	1	0.16
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	1	0.16
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	1	0.16
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	1	0.16
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	1	0.16
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	1	0.16
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	1	0.16
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	1	0.16
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	1	0.16
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	1	0.16
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	1	0.16
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	1	0.16
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	1	0.16
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	1	0.16
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	1	0.16
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	1	0.16
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	1	0.16
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	3	0.16
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	3	0.16
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	3	0.16
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	3	0.16
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	3	0.16
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	3	0.16
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	3	0.16
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	3	0.16
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	3	0.16
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	3	0.16
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	3	0.16
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	3	0.16
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	3	0.16
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	3	0.16
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	3	0.16
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	3	0.16
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	3	0.16
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	3	0.16
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	4	0.16
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	4	0.16
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	4	0.16
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	4	0.16
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	4	0.16
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	4	0.16
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	4	0.16
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	4	0.16
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	4	0.16
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	4	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	4	0.16
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	4	0.16
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	4	0.16
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	4	0.16
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	4	0.16
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	4	0.16
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	4	0.16
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	4	0.16
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	6	0.16
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	6	0.16
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	6	0.16
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	6	0.16
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	6	0.16
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	6	0.16
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	6	0.16
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	6	0.16
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	6	0.16
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	6	0.16
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	6	0.16
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	6	0.16
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	6	0.16
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	6	0.16
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	6	0.16
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	6	0.16
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	6	0.16
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	6	0.16
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	7	0.16
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	7	0.16
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	7	0.16
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	7	0.16
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	7	0.16
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	7	0.16
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	7	0.16
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	7	0.16
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	7	0.16
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	7	0.16
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	7	0.16
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	7	0.16
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	7	0.16
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	7	0.16
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	7	0.16
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	7	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	7	0.16
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	7	0.16
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	15	0.16
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	15	0.16
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	15	0.16
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	15	0.16
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	15	0.16
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	15	0.16
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	15	0.16
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	15	0.16
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	15	0.16
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	15	0.16
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	15	0.16
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	15	0.16
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	15	0.16
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	15	0.16
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	15	0.16
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	15	0.16
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	15	0.16
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	15	0.16
(1,309)	1:A:5:ALA:HB1	1:A:21:TRP:HE3	17	0.16
(1,309)	1:A:5:ALA:HB1	1:B:21:TRP:HE3	17	0.16
(1,309)	1:A:5:ALA:HB1	1:C:21:TRP:HE3	17	0.16
(1,309)	1:A:5:ALA:HB2	1:A:21:TRP:HE3	17	0.16
(1,309)	1:A:5:ALA:HB2	1:B:21:TRP:HE3	17	0.16
(1,309)	1:A:5:ALA:HB2	1:C:21:TRP:HE3	17	0.16
(1,309)	1:A:5:ALA:HB3	1:A:21:TRP:HE3	17	0.16
(1,309)	1:A:5:ALA:HB3	1:B:21:TRP:HE3	17	0.16
(1,309)	1:A:5:ALA:HB3	1:C:21:TRP:HE3	17	0.16
(1,309)	1:B:5:ALA:HB1	1:A:21:TRP:HE3	17	0.16
(1,309)	1:B:5:ALA:HB1	1:B:21:TRP:HE3	17	0.16
(1,309)	1:B:5:ALA:HB1	1:C:21:TRP:HE3	17	0.16
(1,309)	1:B:5:ALA:HB2	1:A:21:TRP:HE3	17	0.16
(1,309)	1:B:5:ALA:HB2	1:B:21:TRP:HE3	17	0.16
(1,309)	1:B:5:ALA:HB2	1:C:21:TRP:HE3	17	0.16
(1,309)	1:B:5:ALA:HB3	1:A:21:TRP:HE3	17	0.16
(1,309)	1:B:5:ALA:HB3	1:B:21:TRP:HE3	17	0.16
(1,309)	1:B:5:ALA:HB3	1:C:21:TRP:HE3	17	0.16
(1,309)	1:C:5:ALA:HB1	1:A:21:TRP:HE3	17	0.16
(1,309)	1:C:5:ALA:HB1	1:B:21:TRP:HE3	17	0.16
(1,309)	1:C:5:ALA:HB1	1:C:21:TRP:HE3	17	0.16
(1,309)	1:C:5:ALA:HB2	1:A:21:TRP:HE3	17	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,309)	1:C:5:ALA:HB2	1:B:21:TRP:HE3	17	0.16
(1,309)	1:C:5:ALA:HB2	1:C:21:TRP:HE3	17	0.16
(1,309)	1:C:5:ALA:HB3	1:A:21:TRP:HE3	17	0.16
(1,309)	1:C:5:ALA:HB3	1:B:21:TRP:HE3	17	0.16
(1,309)	1:C:5:ALA:HB3	1:C:21:TRP:HE3	17	0.16
(1,295)	1:A:5:ALA:HB1	1:A:21:TRP:HA	9	0.16
(1,295)	1:A:5:ALA:HB1	1:B:21:TRP:HA	9	0.16
(1,295)	1:A:5:ALA:HB1	1:C:21:TRP:HA	9	0.16
(1,295)	1:A:5:ALA:HB2	1:A:21:TRP:HA	9	0.16
(1,295)	1:A:5:ALA:HB2	1:B:21:TRP:HA	9	0.16
(1,295)	1:A:5:ALA:HB2	1:C:21:TRP:HA	9	0.16
(1,295)	1:A:5:ALA:HB3	1:A:21:TRP:HA	9	0.16
(1,295)	1:A:5:ALA:HB3	1:B:21:TRP:HA	9	0.16
(1,295)	1:A:5:ALA:HB3	1:C:21:TRP:HA	9	0.16
(1,295)	1:B:5:ALA:HB1	1:A:21:TRP:HA	9	0.16
(1,295)	1:B:5:ALA:HB1	1:B:21:TRP:HA	9	0.16
(1,295)	1:B:5:ALA:HB1	1:C:21:TRP:HA	9	0.16
(1,295)	1:B:5:ALA:HB2	1:A:21:TRP:HA	9	0.16
(1,295)	1:B:5:ALA:HB2	1:B:21:TRP:HA	9	0.16
(1,295)	1:B:5:ALA:HB2	1:C:21:TRP:HA	9	0.16
(1,295)	1:B:5:ALA:HB3	1:A:21:TRP:HA	9	0.16
(1,295)	1:B:5:ALA:HB3	1:B:21:TRP:HA	9	0.16
(1,295)	1:B:5:ALA:HB3	1:C:21:TRP:HA	9	0.16
(1,295)	1:C:5:ALA:HB1	1:A:21:TRP:HA	9	0.16
(1,295)	1:C:5:ALA:HB1	1:B:21:TRP:HA	9	0.16
(1,295)	1:C:5:ALA:HB1	1:C:21:TRP:HA	9	0.16
(1,295)	1:C:5:ALA:HB2	1:A:21:TRP:HA	9	0.16
(1,295)	1:C:5:ALA:HB2	1:B:21:TRP:HA	9	0.16
(1,295)	1:C:5:ALA:HB2	1:C:21:TRP:HA	9	0.16
(1,295)	1:C:5:ALA:HB3	1:A:21:TRP:HA	9	0.16
(1,295)	1:C:5:ALA:HB3	1:B:21:TRP:HA	9	0.16
(1,295)	1:C:5:ALA:HB3	1:C:21:TRP:HA	9	0.16
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG21	1	0.16
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG22	1	0.16
(1,276)	1:A:22:TYR:HE1	1:A:18:ILE:HG23	1	0.16
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG21	1	0.16
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG22	1	0.16
(1,276)	1:A:22:TYR:HE1	1:B:18:ILE:HG23	1	0.16
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG21	1	0.16
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG22	1	0.16
(1,276)	1:A:22:TYR:HE1	1:C:18:ILE:HG23	1	0.16
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG21	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG22	1	0.16
(1,276)	1:A:22:TYR:HE2	1:A:18:ILE:HG23	1	0.16
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG21	1	0.16
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG22	1	0.16
(1,276)	1:A:22:TYR:HE2	1:B:18:ILE:HG23	1	0.16
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG21	1	0.16
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG22	1	0.16
(1,276)	1:A:22:TYR:HE2	1:C:18:ILE:HG23	1	0.16
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG21	1	0.16
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG22	1	0.16
(1,276)	1:B:22:TYR:HE1	1:A:18:ILE:HG23	1	0.16
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG21	1	0.16
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG22	1	0.16
(1,276)	1:B:22:TYR:HE1	1:B:18:ILE:HG23	1	0.16
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG21	1	0.16
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG22	1	0.16
(1,276)	1:B:22:TYR:HE1	1:C:18:ILE:HG23	1	0.16
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG21	1	0.16
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG22	1	0.16
(1,276)	1:B:22:TYR:HE2	1:A:18:ILE:HG23	1	0.16
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG21	1	0.16
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG22	1	0.16
(1,276)	1:B:22:TYR:HE2	1:B:18:ILE:HG23	1	0.16
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG21	1	0.16
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG22	1	0.16
(1,276)	1:B:22:TYR:HE2	1:C:18:ILE:HG23	1	0.16
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG21	1	0.16
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG22	1	0.16
(1,276)	1:C:22:TYR:HE1	1:A:18:ILE:HG23	1	0.16
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG21	1	0.16
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG22	1	0.16
(1,276)	1:C:22:TYR:HE1	1:B:18:ILE:HG23	1	0.16
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG21	1	0.16
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG22	1	0.16
(1,276)	1:C:22:TYR:HE1	1:C:18:ILE:HG23	1	0.16
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG21	1	0.16
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG22	1	0.16
(1,276)	1:C:22:TYR:HE2	1:A:18:ILE:HG23	1	0.16
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG21	1	0.16
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG22	1	0.16
(1,276)	1:C:22:TYR:HE2	1:B:18:ILE:HG23	1	0.16
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG21	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG22	1	0.16
(1,276)	1:C:22:TYR:HE2	1:C:18:ILE:HG23	1	0.16
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG21	11	0.16
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG22	11	0.16
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG23	11	0.16
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG21	11	0.16
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG22	11	0.16
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG23	11	0.16
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG21	11	0.16
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG22	11	0.16
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG23	11	0.16
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG21	11	0.16
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG22	11	0.16
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG23	11	0.16
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG21	11	0.16
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG22	11	0.16
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG23	11	0.16
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG21	11	0.16
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG22	11	0.16
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG23	11	0.16
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG21	11	0.16
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG22	11	0.16
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG23	11	0.16
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG21	11	0.16
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG22	11	0.16
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG23	11	0.16
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG21	11	0.16
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG22	11	0.16
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG23	11	0.16
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG21	11	0.16
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG22	11	0.16
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG23	11	0.16
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG21	11	0.16
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG22	11	0.16
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG23	11	0.16
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG21	11	0.16
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG22	11	0.16
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG23	11	0.16
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG21	11	0.16
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG22	11	0.16
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG23	11	0.16
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG21	11	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG22	11	0.16
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG23	11	0.16
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG21	11	0.16
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG22	11	0.16
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG23	11	0.16
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG21	11	0.16
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG22	11	0.16
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG23	11	0.16
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG21	11	0.16
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG22	11	0.16
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG23	11	0.16
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG21	11	0.16
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG22	11	0.16
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG23	11	0.16
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD11	13	0.16
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD12	13	0.16
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD13	13	0.16
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD11	13	0.16
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD12	13	0.16
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD13	13	0.16
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD11	13	0.16
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD12	13	0.16
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD13	13	0.16
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD11	13	0.16
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD12	13	0.16
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD13	13	0.16
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD11	13	0.16
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD12	13	0.16
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD13	13	0.16
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD11	13	0.16
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD12	13	0.16
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD13	13	0.16
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD11	13	0.16
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD12	13	0.16
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD13	13	0.16
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD11	13	0.16
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD12	13	0.16
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD13	13	0.16
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD11	13	0.16
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD12	13	0.16
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD13	13	0.16
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	6	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	6	0.16
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	6	0.16
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	6	0.16
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	6	0.16
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	6	0.16
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	6	0.16
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	6	0.16
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	6	0.16
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	6	0.16
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	6	0.16
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	6	0.16
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	6	0.16
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	6	0.16
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	6	0.16
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	6	0.16
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	6	0.16
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	6	0.16
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	6	0.16
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	6	0.16
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	6	0.16
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	6	0.16
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	6	0.16
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	6	0.16
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	6	0.16
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	6	0.16
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	6	0.16
(1,222)	1:A:18:ILE:HD11	1:A:15:THR:HA	3	0.16
(1,222)	1:A:18:ILE:HD11	1:B:15:THR:HA	3	0.16
(1,222)	1:A:18:ILE:HD11	1:C:15:THR:HA	3	0.16
(1,222)	1:A:18:ILE:HD12	1:A:15:THR:HA	3	0.16
(1,222)	1:A:18:ILE:HD12	1:B:15:THR:HA	3	0.16
(1,222)	1:A:18:ILE:HD12	1:C:15:THR:HA	3	0.16
(1,222)	1:A:18:ILE:HD13	1:A:15:THR:HA	3	0.16
(1,222)	1:A:18:ILE:HD13	1:B:15:THR:HA	3	0.16
(1,222)	1:A:18:ILE:HD13	1:C:15:THR:HA	3	0.16
(1,222)	1:B:18:ILE:HD11	1:A:15:THR:HA	3	0.16
(1,222)	1:B:18:ILE:HD11	1:B:15:THR:HA	3	0.16
(1,222)	1:B:18:ILE:HD11	1:C:15:THR:HA	3	0.16
(1,222)	1:B:18:ILE:HD12	1:A:15:THR:HA	3	0.16
(1,222)	1:B:18:ILE:HD12	1:B:15:THR:HA	3	0.16
(1,222)	1:B:18:ILE:HD12	1:C:15:THR:HA	3	0.16
(1,222)	1:B:18:ILE:HD13	1:A:15:THR:HA	3	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:B:18:ILE:HD13	1:B:15:THR:HA	3	0.16
(1,222)	1:B:18:ILE:HD13	1:C:15:THR:HA	3	0.16
(1,222)	1:C:18:ILE:HD11	1:A:15:THR:HA	3	0.16
(1,222)	1:C:18:ILE:HD11	1:B:15:THR:HA	3	0.16
(1,222)	1:C:18:ILE:HD11	1:C:15:THR:HA	3	0.16
(1,222)	1:C:18:ILE:HD12	1:A:15:THR:HA	3	0.16
(1,222)	1:C:18:ILE:HD12	1:B:15:THR:HA	3	0.16
(1,222)	1:C:18:ILE:HD12	1:C:15:THR:HA	3	0.16
(1,222)	1:C:18:ILE:HD13	1:A:15:THR:HA	3	0.16
(1,222)	1:C:18:ILE:HD13	1:B:15:THR:HA	3	0.16
(1,222)	1:C:18:ILE:HD13	1:C:15:THR:HA	3	0.16
(1,217)	1:A:17:MET:HB2	1:A:14:TRP:HA	16	0.16
(1,217)	1:A:17:MET:HB2	1:B:14:TRP:HA	16	0.16
(1,217)	1:A:17:MET:HB2	1:C:14:TRP:HA	16	0.16
(1,217)	1:A:17:MET:HB3	1:A:14:TRP:HA	16	0.16
(1,217)	1:A:17:MET:HB3	1:B:14:TRP:HA	16	0.16
(1,217)	1:A:17:MET:HB3	1:C:14:TRP:HA	16	0.16
(1,217)	1:B:17:MET:HB2	1:A:14:TRP:HA	16	0.16
(1,217)	1:B:17:MET:HB2	1:B:14:TRP:HA	16	0.16
(1,217)	1:B:17:MET:HB2	1:C:14:TRP:HA	16	0.16
(1,217)	1:B:17:MET:HB3	1:A:14:TRP:HA	16	0.16
(1,217)	1:B:17:MET:HB3	1:B:14:TRP:HA	16	0.16
(1,217)	1:B:17:MET:HB3	1:C:14:TRP:HA	16	0.16
(1,217)	1:C:17:MET:HB2	1:A:14:TRP:HA	16	0.16
(1,217)	1:C:17:MET:HB2	1:B:14:TRP:HA	16	0.16
(1,217)	1:C:17:MET:HB2	1:C:14:TRP:HA	16	0.16
(1,217)	1:C:17:MET:HB3	1:A:14:TRP:HA	16	0.16
(1,217)	1:C:17:MET:HB3	1:B:14:TRP:HA	16	0.16
(1,217)	1:C:17:MET:HB3	1:C:14:TRP:HA	16	0.16
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	5	0.16
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	5	0.16
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	5	0.16
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	5	0.16
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	5	0.16
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	5	0.16
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	5	0.16
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	5	0.16
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	5	0.16
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	5	0.16
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	5	0.16
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	5	0.16
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	5	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	5	0.16
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	5	0.16
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	5	0.16
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	5	0.16
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	5	0.16
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	5	0.16
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	5	0.16
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	5	0.16
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	5	0.16
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	5	0.16
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	5	0.16
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	5	0.16
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	5	0.16
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	5	0.16
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	5	0.16
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	5	0.16
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	5	0.16
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	5	0.16
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	5	0.16
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	5	0.16
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	5	0.16
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	5	0.16
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	5	0.16
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	5	0.16
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	5	0.16
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	5	0.16
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	5	0.16
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	5	0.16
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	5	0.16
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	5	0.16
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	5	0.16
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	5	0.16
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	5	0.16
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	5	0.16
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	5	0.16
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	5	0.16
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	5	0.16
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	5	0.16
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	5	0.16
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	5	0.16
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	5	0.16
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	17	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	17	0.16
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	17	0.16
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	17	0.16
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	17	0.16
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	17	0.16
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	17	0.16
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	17	0.16
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	17	0.16
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	17	0.16
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	17	0.16
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	17	0.16
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	17	0.16
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	17	0.16
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	17	0.16
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	17	0.16
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	17	0.16
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	17	0.16
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	17	0.16
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	17	0.16
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	17	0.16
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	17	0.16
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	17	0.16
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	17	0.16
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	17	0.16
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	17	0.16
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	17	0.16
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	17	0.16
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	17	0.16
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	17	0.16
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	17	0.16
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	17	0.16
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	17	0.16
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	17	0.16
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	17	0.16
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	17	0.16
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	17	0.16
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	17	0.16
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	17	0.16
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	17	0.16
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	17	0.16
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	17	0.16
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	17	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	17	0.16
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	17	0.16
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	17	0.16
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	17	0.16
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	17	0.16
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	17	0.16
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	17	0.16
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	17	0.16
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	17	0.16
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	17	0.16
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	17	0.16
(1,201)	1:A:19:ASP:HB2	1:A:20:GLY:H	12	0.16
(1,201)	1:A:19:ASP:HB2	1:B:20:GLY:H	12	0.16
(1,201)	1:A:19:ASP:HB2	1:C:20:GLY:H	12	0.16
(1,201)	1:A:19:ASP:HB3	1:A:20:GLY:H	12	0.16
(1,201)	1:A:19:ASP:HB3	1:B:20:GLY:H	12	0.16
(1,201)	1:A:19:ASP:HB3	1:C:20:GLY:H	12	0.16
(1,201)	1:B:19:ASP:HB2	1:A:20:GLY:H	12	0.16
(1,201)	1:B:19:ASP:HB2	1:B:20:GLY:H	12	0.16
(1,201)	1:B:19:ASP:HB2	1:C:20:GLY:H	12	0.16
(1,201)	1:B:19:ASP:HB3	1:A:20:GLY:H	12	0.16
(1,201)	1:B:19:ASP:HB3	1:B:20:GLY:H	12	0.16
(1,201)	1:B:19:ASP:HB3	1:C:20:GLY:H	12	0.16
(1,201)	1:C:19:ASP:HB2	1:A:20:GLY:H	12	0.16
(1,201)	1:C:19:ASP:HB2	1:B:20:GLY:H	12	0.16
(1,201)	1:C:19:ASP:HB2	1:C:20:GLY:H	12	0.16
(1,201)	1:C:19:ASP:HB3	1:A:20:GLY:H	12	0.16
(1,201)	1:C:19:ASP:HB3	1:B:20:GLY:H	12	0.16
(1,201)	1:C:19:ASP:HB3	1:C:20:GLY:H	12	0.16
(1,201)	1:A:19:ASP:HB2	1:A:20:GLY:H	13	0.16
(1,201)	1:A:19:ASP:HB2	1:B:20:GLY:H	13	0.16
(1,201)	1:A:19:ASP:HB2	1:C:20:GLY:H	13	0.16
(1,201)	1:A:19:ASP:HB3	1:A:20:GLY:H	13	0.16
(1,201)	1:A:19:ASP:HB3	1:B:20:GLY:H	13	0.16
(1,201)	1:A:19:ASP:HB3	1:C:20:GLY:H	13	0.16
(1,201)	1:B:19:ASP:HB2	1:A:20:GLY:H	13	0.16
(1,201)	1:B:19:ASP:HB2	1:B:20:GLY:H	13	0.16
(1,201)	1:B:19:ASP:HB2	1:C:20:GLY:H	13	0.16
(1,201)	1:B:19:ASP:HB3	1:A:20:GLY:H	13	0.16
(1,201)	1:B:19:ASP:HB3	1:B:20:GLY:H	13	0.16
(1,201)	1:B:19:ASP:HB3	1:C:20:GLY:H	13	0.16
(1,201)	1:C:19:ASP:HB2	1:A:20:GLY:H	13	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,201)	1:C:19:ASP:HB2	1:B:20:GLY:H	13	0.16
(1,201)	1:C:19:ASP:HB2	1:C:20:GLY:H	13	0.16
(1,201)	1:C:19:ASP:HB3	1:A:20:GLY:H	13	0.16
(1,201)	1:C:19:ASP:HB3	1:B:20:GLY:H	13	0.16
(1,201)	1:C:19:ASP:HB3	1:C:20:GLY:H	13	0.16
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	9	0.16
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	9	0.16
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	9	0.16
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	9	0.16
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	9	0.16
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	9	0.16
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	9	0.16
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	9	0.16
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	9	0.16
(1,180)	1:A:10:ILE:HG21	1:A:11:GLU:H	11	0.16
(1,180)	1:A:10:ILE:HG21	1:B:11:GLU:H	11	0.16
(1,180)	1:A:10:ILE:HG21	1:C:11:GLU:H	11	0.16
(1,180)	1:A:10:ILE:HG22	1:A:11:GLU:H	11	0.16
(1,180)	1:A:10:ILE:HG22	1:B:11:GLU:H	11	0.16
(1,180)	1:A:10:ILE:HG22	1:C:11:GLU:H	11	0.16
(1,180)	1:A:10:ILE:HG23	1:A:11:GLU:H	11	0.16
(1,180)	1:A:10:ILE:HG23	1:B:11:GLU:H	11	0.16
(1,180)	1:A:10:ILE:HG23	1:C:11:GLU:H	11	0.16
(1,180)	1:B:10:ILE:HG21	1:A:11:GLU:H	11	0.16
(1,180)	1:B:10:ILE:HG21	1:B:11:GLU:H	11	0.16
(1,180)	1:B:10:ILE:HG21	1:C:11:GLU:H	11	0.16
(1,180)	1:B:10:ILE:HG22	1:A:11:GLU:H	11	0.16
(1,180)	1:B:10:ILE:HG22	1:B:11:GLU:H	11	0.16
(1,180)	1:B:10:ILE:HG22	1:C:11:GLU:H	11	0.16
(1,180)	1:B:10:ILE:HG23	1:A:11:GLU:H	11	0.16
(1,180)	1:B:10:ILE:HG23	1:B:11:GLU:H	11	0.16
(1,180)	1:B:10:ILE:HG23	1:C:11:GLU:H	11	0.16
(1,180)	1:C:10:ILE:HG21	1:A:11:GLU:H	11	0.16
(1,180)	1:C:10:ILE:HG21	1:B:11:GLU:H	11	0.16
(1,180)	1:C:10:ILE:HG21	1:C:11:GLU:H	11	0.16
(1,180)	1:C:10:ILE:HG22	1:A:11:GLU:H	11	0.16
(1,180)	1:C:10:ILE:HG22	1:B:11:GLU:H	11	0.16
(1,180)	1:C:10:ILE:HG22	1:C:11:GLU:H	11	0.16
(1,180)	1:C:10:ILE:HG23	1:A:11:GLU:H	11	0.16
(1,180)	1:C:10:ILE:HG23	1:B:11:GLU:H	11	0.16
(1,180)	1:C:10:ILE:HG23	1:C:11:GLU:H	11	0.16
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	3	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	3	0.16
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	3	0.16
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	3	0.16
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	3	0.16
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	3	0.16
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	3	0.16
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	3	0.16
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	3	0.16
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	3	0.16
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	3	0.16
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	3	0.16
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	3	0.16
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	3	0.16
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	3	0.16
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	3	0.16
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	3	0.16
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	3	0.16
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	3	0.16
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	3	0.16
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	3	0.16
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	3	0.16
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	3	0.16
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	3	0.16
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	3	0.16
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	3	0.16
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	3	0.16
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	4	0.16
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	4	0.16
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	4	0.16
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	4	0.16
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	4	0.16
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	4	0.16
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	4	0.16
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	4	0.16
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	4	0.16
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	4	0.16
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	4	0.16
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	4	0.16
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	4	0.16
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	4	0.16
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	4	0.16
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	4	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	4	0.16
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	4	0.16
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	4	0.16
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	4	0.16
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	4	0.16
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	4	0.16
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	4	0.16
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	4	0.16
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	4	0.16
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	4	0.16
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	4	0.16
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	14	0.16
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	14	0.16
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	14	0.16
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	14	0.16
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	14	0.16
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	14	0.16
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	14	0.16
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	14	0.16
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	14	0.16
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	14	0.16
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	14	0.16
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	14	0.16
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	14	0.16
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	14	0.16
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	14	0.16
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	14	0.16
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	14	0.16
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	14	0.16
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	14	0.16
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	14	0.16
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	14	0.16
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	14	0.16
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	14	0.16
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	14	0.16
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	14	0.16
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	14	0.16
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	14	0.16
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	15	0.16
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	15	0.16
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	15	0.16
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	15	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	15	0.16
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	15	0.16
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	15	0.16
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	15	0.16
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	15	0.16
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	15	0.16
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	15	0.16
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	15	0.16
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	15	0.16
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	15	0.16
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	15	0.16
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	15	0.16
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	15	0.16
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	15	0.16
(1,120)	1:A:6:ILE:HA	1:A:7:ALA:H	20	0.16
(1,120)	1:A:6:ILE:HA	1:B:7:ALA:H	20	0.16
(1,120)	1:A:6:ILE:HA	1:C:7:ALA:H	20	0.16
(1,120)	1:B:6:ILE:HA	1:A:7:ALA:H	20	0.16
(1,120)	1:B:6:ILE:HA	1:B:7:ALA:H	20	0.16
(1,120)	1:B:6:ILE:HA	1:C:7:ALA:H	20	0.16
(1,120)	1:C:6:ILE:HA	1:A:7:ALA:H	20	0.16
(1,120)	1:C:6:ILE:HA	1:B:7:ALA:H	20	0.16
(1,120)	1:C:6:ILE:HA	1:C:7:ALA:H	20	0.16
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	16	0.16
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	16	0.16
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	16	0.16
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	16	0.16
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	16	0.16
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	16	0.16
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	16	0.16
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	16	0.16
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	16	0.16
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	18	0.16
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	18	0.16
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	18	0.16
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	18	0.16
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	18	0.16
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	18	0.16
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	18	0.16
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	18	0.16
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	18	0.16
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	20	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	20	0.16
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	20	0.16
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	20	0.16
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	20	0.16
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	20	0.16
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	20	0.16
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	20	0.16
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	20	0.16
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	3	0.16
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	3	0.16
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	3	0.16
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	3	0.16
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	3	0.16
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	3	0.16
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	3	0.16
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	3	0.16
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	3	0.16
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	5	0.16
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	5	0.16
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	5	0.16
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	5	0.16
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	5	0.16
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	5	0.16
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	5	0.16
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	5	0.16
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	5	0.16
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	7	0.16
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	7	0.16
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	7	0.16
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	7	0.16
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	7	0.16
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	7	0.16
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	7	0.16
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	7	0.16
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	7	0.16
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	9	0.16
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	9	0.16
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	9	0.16
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	9	0.16
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	9	0.16
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	9	0.16
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	9	0.16
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	9	0.16
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	11	0.16
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	11	0.16
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	11	0.16
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	11	0.16
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	11	0.16
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	11	0.16
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	11	0.16
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	11	0.16
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	11	0.16
(1,111)	1:A:4:GLY:HA3	1:A:4:GLY:H	18	0.16
(1,111)	1:A:4:GLY:HA3	1:B:4:GLY:H	18	0.16
(1,111)	1:A:4:GLY:HA3	1:C:4:GLY:H	18	0.16
(1,111)	1:B:4:GLY:HA3	1:A:4:GLY:H	18	0.16
(1,111)	1:B:4:GLY:HA3	1:B:4:GLY:H	18	0.16
(1,111)	1:B:4:GLY:HA3	1:C:4:GLY:H	18	0.16
(1,111)	1:C:4:GLY:HA3	1:A:4:GLY:H	18	0.16
(1,111)	1:C:4:GLY:HA3	1:B:4:GLY:H	18	0.16
(1,111)	1:C:4:GLY:HA3	1:C:4:GLY:H	18	0.16
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	16	0.15
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	16	0.15
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	16	0.15
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	16	0.15
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	16	0.15
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	16	0.15
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	16	0.15
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	16	0.15
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	16	0.15
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	15	0.15
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	15	0.15
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	15	0.15
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	15	0.15
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	15	0.15
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	15	0.15
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	15	0.15
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	15	0.15
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	15	0.15
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	15	0.15
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	15	0.15
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	15	0.15
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	15	0.15
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	15	0.15
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	15	0.15
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	15	0.15
(1,33)	1:A:17:MET:HE1	1:A:18:ILE:HA	18	0.15
(1,33)	1:A:17:MET:HE1	1:B:18:ILE:HA	18	0.15
(1,33)	1:A:17:MET:HE1	1:C:18:ILE:HA	18	0.15
(1,33)	1:A:17:MET:HE2	1:A:18:ILE:HA	18	0.15
(1,33)	1:A:17:MET:HE2	1:B:18:ILE:HA	18	0.15
(1,33)	1:A:17:MET:HE2	1:C:18:ILE:HA	18	0.15
(1,33)	1:A:17:MET:HE3	1:A:18:ILE:HA	18	0.15
(1,33)	1:A:17:MET:HE3	1:B:18:ILE:HA	18	0.15
(1,33)	1:A:17:MET:HE3	1:C:18:ILE:HA	18	0.15
(1,33)	1:B:17:MET:HE1	1:A:18:ILE:HA	18	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:B:17:MET:HE1	1:B:18:ILE:HA	18	0.15
(1,33)	1:B:17:MET:HE1	1:C:18:ILE:HA	18	0.15
(1,33)	1:B:17:MET:HE2	1:A:18:ILE:HA	18	0.15
(1,33)	1:B:17:MET:HE2	1:B:18:ILE:HA	18	0.15
(1,33)	1:B:17:MET:HE2	1:C:18:ILE:HA	18	0.15
(1,33)	1:B:17:MET:HE3	1:A:18:ILE:HA	18	0.15
(1,33)	1:B:17:MET:HE3	1:B:18:ILE:HA	18	0.15
(1,33)	1:B:17:MET:HE3	1:C:18:ILE:HA	18	0.15
(1,33)	1:C:17:MET:HE1	1:A:18:ILE:HA	18	0.15
(1,33)	1:C:17:MET:HE1	1:B:18:ILE:HA	18	0.15
(1,33)	1:C:17:MET:HE1	1:C:18:ILE:HA	18	0.15
(1,33)	1:C:17:MET:HE2	1:A:18:ILE:HA	18	0.15
(1,33)	1:C:17:MET:HE2	1:B:18:ILE:HA	18	0.15
(1,33)	1:C:17:MET:HE2	1:C:18:ILE:HA	18	0.15
(1,33)	1:C:17:MET:HE3	1:A:18:ILE:HA	18	0.15
(1,33)	1:C:17:MET:HE3	1:B:18:ILE:HA	18	0.15
(1,33)	1:C:17:MET:HE3	1:C:18:ILE:HA	18	0.15
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	2	0.15
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	2	0.15
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	2	0.15
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	2	0.15
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	2	0.15
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	2	0.15
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	2	0.15
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	2	0.15
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	2	0.15
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	2	0.15
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	2	0.15
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	2	0.15
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	2	0.15
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	2	0.15
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	2	0.15
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	2	0.15
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	2	0.15
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	2	0.15
(1,309)	1:A:5:ALA:HB1	1:A:21:TRP:HE3	9	0.15
(1,309)	1:A:5:ALA:HB1	1:B:21:TRP:HE3	9	0.15
(1,309)	1:A:5:ALA:HB1	1:C:21:TRP:HE3	9	0.15
(1,309)	1:A:5:ALA:HB2	1:A:21:TRP:HE3	9	0.15
(1,309)	1:A:5:ALA:HB2	1:B:21:TRP:HE3	9	0.15
(1,309)	1:A:5:ALA:HB2	1:C:21:TRP:HE3	9	0.15
(1,309)	1:A:5:ALA:HB3	1:A:21:TRP:HE3	9	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,309)	1:A:5:ALA:HB3	1:B:21:TRP:HE3	9	0.15
(1,309)	1:A:5:ALA:HB3	1:C:21:TRP:HE3	9	0.15
(1,309)	1:B:5:ALA:HB1	1:A:21:TRP:HE3	9	0.15
(1,309)	1:B:5:ALA:HB1	1:B:21:TRP:HE3	9	0.15
(1,309)	1:B:5:ALA:HB1	1:C:21:TRP:HE3	9	0.15
(1,309)	1:B:5:ALA:HB2	1:A:21:TRP:HE3	9	0.15
(1,309)	1:B:5:ALA:HB2	1:B:21:TRP:HE3	9	0.15
(1,309)	1:B:5:ALA:HB2	1:C:21:TRP:HE3	9	0.15
(1,309)	1:B:5:ALA:HB3	1:A:21:TRP:HE3	9	0.15
(1,309)	1:B:5:ALA:HB3	1:B:21:TRP:HE3	9	0.15
(1,309)	1:B:5:ALA:HB3	1:C:21:TRP:HE3	9	0.15
(1,309)	1:C:5:ALA:HB1	1:A:21:TRP:HE3	9	0.15
(1,309)	1:C:5:ALA:HB1	1:B:21:TRP:HE3	9	0.15
(1,309)	1:C:5:ALA:HB1	1:C:21:TRP:HE3	9	0.15
(1,309)	1:C:5:ALA:HB2	1:A:21:TRP:HE3	9	0.15
(1,309)	1:C:5:ALA:HB2	1:B:21:TRP:HE3	9	0.15
(1,309)	1:C:5:ALA:HB2	1:C:21:TRP:HE3	9	0.15
(1,309)	1:C:5:ALA:HB3	1:A:21:TRP:HE3	9	0.15
(1,309)	1:C:5:ALA:HB3	1:B:21:TRP:HE3	9	0.15
(1,309)	1:C:5:ALA:HB3	1:C:21:TRP:HE3	9	0.15
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	13	0.15
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	13	0.15
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	13	0.15
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	13	0.15
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	13	0.15
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	13	0.15
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	13	0.15
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	13	0.15
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	13	0.15
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	13	0.15
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	13	0.15
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	13	0.15
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	13	0.15
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	13	0.15
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	13	0.15
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	13	0.15
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	13	0.15
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	13	0.15
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	13	0.15
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	13	0.15
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	13	0.15
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	13	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	13	0.15
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	13	0.15
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	13	0.15
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	13	0.15
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	13	0.15
(1,278)	1:A:2:LEU:HA	1:A:6:ILE:H	16	0.15
(1,278)	1:A:2:LEU:HA	1:B:6:ILE:H	16	0.15
(1,278)	1:A:2:LEU:HA	1:C:6:ILE:H	16	0.15
(1,278)	1:B:2:LEU:HA	1:A:6:ILE:H	16	0.15
(1,278)	1:B:2:LEU:HA	1:B:6:ILE:H	16	0.15
(1,278)	1:B:2:LEU:HA	1:C:6:ILE:H	16	0.15
(1,278)	1:C:2:LEU:HA	1:A:6:ILE:H	16	0.15
(1,278)	1:C:2:LEU:HA	1:B:6:ILE:H	16	0.15
(1,278)	1:C:2:LEU:HA	1:C:6:ILE:H	16	0.15
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	7	0.15
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	7	0.15
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	7	0.15
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	7	0.15
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	7	0.15
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	7	0.15
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	7	0.15
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	7	0.15
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	7	0.15
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	7	0.15
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	7	0.15
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	7	0.15
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	7	0.15
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	7	0.15
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	7	0.15
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	7	0.15
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	7	0.15
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	7	0.15
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	7	0.15
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	7	0.15
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	7	0.15
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	7	0.15
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	7	0.15
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	7	0.15
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	7	0.15
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	7	0.15
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	7	0.15
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	18	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	18	0.15
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	18	0.15
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	18	0.15
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	18	0.15
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	18	0.15
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	18	0.15
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	18	0.15
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	18	0.15
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	18	0.15
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	18	0.15
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	18	0.15
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	18	0.15
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	18	0.15
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	18	0.15
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	18	0.15
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	18	0.15
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	18	0.15
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	18	0.15
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	18	0.15
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	18	0.15
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	18	0.15
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	18	0.15
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	18	0.15
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	18	0.15
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	18	0.15
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	18	0.15
(1,217)	1:A:17:MET:HB2	1:A:14:TRP:HA	6	0.15
(1,217)	1:A:17:MET:HB2	1:B:14:TRP:HA	6	0.15
(1,217)	1:A:17:MET:HB2	1:C:14:TRP:HA	6	0.15
(1,217)	1:A:17:MET:HB3	1:A:14:TRP:HA	6	0.15
(1,217)	1:A:17:MET:HB3	1:B:14:TRP:HA	6	0.15
(1,217)	1:A:17:MET:HB3	1:C:14:TRP:HA	6	0.15
(1,217)	1:B:17:MET:HB2	1:A:14:TRP:HA	6	0.15
(1,217)	1:B:17:MET:HB2	1:B:14:TRP:HA	6	0.15
(1,217)	1:B:17:MET:HB2	1:C:14:TRP:HA	6	0.15
(1,217)	1:B:17:MET:HB3	1:A:14:TRP:HA	6	0.15
(1,217)	1:B:17:MET:HB3	1:B:14:TRP:HA	6	0.15
(1,217)	1:B:17:MET:HB3	1:C:14:TRP:HA	6	0.15
(1,217)	1:C:17:MET:HB2	1:A:14:TRP:HA	6	0.15
(1,217)	1:C:17:MET:HB2	1:B:14:TRP:HA	6	0.15
(1,217)	1:C:17:MET:HB2	1:C:14:TRP:HA	6	0.15
(1,217)	1:C:17:MET:HB3	1:A:14:TRP:HA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,217)	1:C:17:MET:HB3	1:B:14:TRP:HA	6	0.15
(1,217)	1:C:17:MET:HB3	1:C:14:TRP:HA	6	0.15
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	9	0.15
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	9	0.15
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	9	0.15
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	9	0.15
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	9	0.15
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	9	0.15
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	9	0.15
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	9	0.15
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	9	0.15
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	9	0.15
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	9	0.15
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	9	0.15
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	9	0.15
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	9	0.15
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	9	0.15
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	9	0.15
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	9	0.15
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	9	0.15
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	13	0.15
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	13	0.15
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	13	0.15
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	13	0.15
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	13	0.15
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	13	0.15
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	13	0.15
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	13	0.15
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	13	0.15
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	13	0.15
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	13	0.15
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	13	0.15
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	13	0.15
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	13	0.15
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	13	0.15
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	13	0.15
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	13	0.15
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	13	0.15
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	13	0.15
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	13	0.15
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	13	0.15
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	13	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	13	0.15
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	13	0.15
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	13	0.15
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	13	0.15
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	13	0.15
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	13	0.15
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	13	0.15
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	13	0.15
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	13	0.15
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	13	0.15
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	13	0.15
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	13	0.15
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	13	0.15
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	13	0.15
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	13	0.15
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	13	0.15
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	13	0.15
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	13	0.15
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	13	0.15
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	13	0.15
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	13	0.15
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	13	0.15
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	13	0.15
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	13	0.15
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	13	0.15
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	13	0.15
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	13	0.15
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	13	0.15
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	13	0.15
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	13	0.15
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	13	0.15
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	13	0.15
(1,201)	1:A:19:ASP:HB2	1:A:20:GLY:H	3	0.15
(1,201)	1:A:19:ASP:HB2	1:B:20:GLY:H	3	0.15
(1,201)	1:A:19:ASP:HB2	1:C:20:GLY:H	3	0.15
(1,201)	1:A:19:ASP:HB3	1:A:20:GLY:H	3	0.15
(1,201)	1:A:19:ASP:HB3	1:B:20:GLY:H	3	0.15
(1,201)	1:A:19:ASP:HB3	1:C:20:GLY:H	3	0.15
(1,201)	1:B:19:ASP:HB2	1:A:20:GLY:H	3	0.15
(1,201)	1:B:19:ASP:HB2	1:B:20:GLY:H	3	0.15
(1,201)	1:B:19:ASP:HB2	1:C:20:GLY:H	3	0.15
(1,201)	1:B:19:ASP:HB3	1:A:20:GLY:H	3	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,201)	1:B:19:ASP:HB3	1:B:20:GLY:H	3	0.15
(1,201)	1:B:19:ASP:HB3	1:C:20:GLY:H	3	0.15
(1,201)	1:C:19:ASP:HB2	1:A:20:GLY:H	3	0.15
(1,201)	1:C:19:ASP:HB2	1:B:20:GLY:H	3	0.15
(1,201)	1:C:19:ASP:HB2	1:C:20:GLY:H	3	0.15
(1,201)	1:C:19:ASP:HB3	1:A:20:GLY:H	3	0.15
(1,201)	1:C:19:ASP:HB3	1:B:20:GLY:H	3	0.15
(1,201)	1:C:19:ASP:HB3	1:C:20:GLY:H	3	0.15
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	2	0.15
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	2	0.15
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	2	0.15
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	2	0.15
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	2	0.15
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	2	0.15
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	2	0.15
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	2	0.15
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	2	0.15
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	20	0.15
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	20	0.15
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	20	0.15
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	20	0.15
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	20	0.15
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	20	0.15
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	20	0.15
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	20	0.15
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	20	0.15
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	9	0.15
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	9	0.15
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	9	0.15
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	9	0.15
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	9	0.15
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	9	0.15
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	9	0.15
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	9	0.15
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	9	0.15
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	9	0.15
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	9	0.15
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	9	0.15
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	9	0.15
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	9	0.15
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	9	0.15
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	9	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	9	0.15
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	9	0.15
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	9	0.15
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	9	0.15
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	9	0.15
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	9	0.15
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	9	0.15
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	9	0.15
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	9	0.15
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	9	0.15
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	9	0.15
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	18	0.15
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	18	0.15
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	18	0.15
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	18	0.15
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	18	0.15
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	18	0.15
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	18	0.15
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	18	0.15
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	18	0.15
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	18	0.15
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	18	0.15
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	18	0.15
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	18	0.15
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	18	0.15
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	18	0.15
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	18	0.15
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	18	0.15
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	18	0.15
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	18	0.15
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	18	0.15
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	18	0.15
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	18	0.15
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	18	0.15
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	18	0.15
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	18	0.15
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	18	0.15
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	18	0.15
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	14	0.15
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	14	0.15
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	14	0.15
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	14	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	14	0.15
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	14	0.15
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	14	0.15
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	14	0.15
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	14	0.15
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	14	0.15
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	14	0.15
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	14	0.15
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	14	0.15
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	14	0.15
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	14	0.15
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	14	0.15
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	14	0.15
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	14	0.15
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD1	5	0.15
(1,101)	1:A:21:TRP:HD1	1:A:22:TYR:HD2	5	0.15
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD1	5	0.15
(1,101)	1:A:21:TRP:HD1	1:B:22:TYR:HD2	5	0.15
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD1	5	0.15
(1,101)	1:A:21:TRP:HD1	1:C:22:TYR:HD2	5	0.15
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD1	5	0.15
(1,101)	1:B:21:TRP:HD1	1:A:22:TYR:HD2	5	0.15
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD1	5	0.15
(1,101)	1:B:21:TRP:HD1	1:B:22:TYR:HD2	5	0.15
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD1	5	0.15
(1,101)	1:B:21:TRP:HD1	1:C:22:TYR:HD2	5	0.15
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD1	5	0.15
(1,101)	1:C:21:TRP:HD1	1:A:22:TYR:HD2	5	0.15
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD1	5	0.15
(1,101)	1:C:21:TRP:HD1	1:B:22:TYR:HD2	5	0.15
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD1	5	0.15
(1,101)	1:C:21:TRP:HD1	1:C:22:TYR:HD2	5	0.15
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG21	3	0.14
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG22	3	0.14
(1,94)	1:A:14:TRP:HH2	1:A:15:THR:HG23	3	0.14
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG21	3	0.14
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG22	3	0.14
(1,94)	1:A:14:TRP:HH2	1:B:15:THR:HG23	3	0.14
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG21	3	0.14
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG22	3	0.14
(1,94)	1:A:14:TRP:HH2	1:C:15:THR:HG23	3	0.14
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG21	3	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG22	3	0.14
(1,94)	1:B:14:TRP:HH2	1:A:15:THR:HG23	3	0.14
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG21	3	0.14
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG22	3	0.14
(1,94)	1:B:14:TRP:HH2	1:B:15:THR:HG23	3	0.14
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG21	3	0.14
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG22	3	0.14
(1,94)	1:B:14:TRP:HH2	1:C:15:THR:HG23	3	0.14
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG21	3	0.14
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG22	3	0.14
(1,94)	1:C:14:TRP:HH2	1:A:15:THR:HG23	3	0.14
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG21	3	0.14
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG22	3	0.14
(1,94)	1:C:14:TRP:HH2	1:B:15:THR:HG23	3	0.14
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG21	3	0.14
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG22	3	0.14
(1,94)	1:C:14:TRP:HH2	1:C:15:THR:HG23	3	0.14
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	17	0.14
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	17	0.14
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	17	0.14
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	17	0.14
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	17	0.14
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	17	0.14
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	17	0.14
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	17	0.14
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	17	0.14
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	5	0.14
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	5	0.14
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	5	0.14
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	5	0.14
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	5	0.14
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	5	0.14
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	5	0.14
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	5	0.14
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	5	0.14
(1,62)	1:A:18:ILE:HD11	1:A:18:ILE:HB	1	0.14
(1,62)	1:A:18:ILE:HD11	1:B:18:ILE:HB	1	0.14
(1,62)	1:A:18:ILE:HD11	1:C:18:ILE:HB	1	0.14
(1,62)	1:A:18:ILE:HD12	1:A:18:ILE:HB	1	0.14
(1,62)	1:A:18:ILE:HD12	1:B:18:ILE:HB	1	0.14
(1,62)	1:A:18:ILE:HD12	1:C:18:ILE:HB	1	0.14
(1,62)	1:A:18:ILE:HD13	1:A:18:ILE:HB	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,62)	1:A:18:ILE:HD13	1:B:18:ILE:HB	1	0.14
(1,62)	1:A:18:ILE:HD13	1:C:18:ILE:HB	1	0.14
(1,62)	1:B:18:ILE:HD11	1:A:18:ILE:HB	1	0.14
(1,62)	1:B:18:ILE:HD11	1:B:18:ILE:HB	1	0.14
(1,62)	1:B:18:ILE:HD11	1:C:18:ILE:HB	1	0.14
(1,62)	1:B:18:ILE:HD12	1:A:18:ILE:HB	1	0.14
(1,62)	1:B:18:ILE:HD12	1:B:18:ILE:HB	1	0.14
(1,62)	1:B:18:ILE:HD12	1:C:18:ILE:HB	1	0.14
(1,62)	1:B:18:ILE:HD13	1:A:18:ILE:HB	1	0.14
(1,62)	1:B:18:ILE:HD13	1:B:18:ILE:HB	1	0.14
(1,62)	1:B:18:ILE:HD13	1:C:18:ILE:HB	1	0.14
(1,62)	1:C:18:ILE:HD11	1:A:18:ILE:HB	1	0.14
(1,62)	1:C:18:ILE:HD11	1:B:18:ILE:HB	1	0.14
(1,62)	1:C:18:ILE:HD11	1:C:18:ILE:HB	1	0.14
(1,62)	1:C:18:ILE:HD12	1:A:18:ILE:HB	1	0.14
(1,62)	1:C:18:ILE:HD12	1:B:18:ILE:HB	1	0.14
(1,62)	1:C:18:ILE:HD12	1:C:18:ILE:HB	1	0.14
(1,62)	1:C:18:ILE:HD13	1:A:18:ILE:HB	1	0.14
(1,62)	1:C:18:ILE:HD13	1:B:18:ILE:HB	1	0.14
(1,62)	1:C:18:ILE:HD13	1:C:18:ILE:HB	1	0.14
(1,62)	1:A:18:ILE:HD11	1:A:18:ILE:HB	4	0.14
(1,62)	1:A:18:ILE:HD11	1:B:18:ILE:HB	4	0.14
(1,62)	1:A:18:ILE:HD11	1:C:18:ILE:HB	4	0.14
(1,62)	1:A:18:ILE:HD12	1:A:18:ILE:HB	4	0.14
(1,62)	1:A:18:ILE:HD12	1:B:18:ILE:HB	4	0.14
(1,62)	1:A:18:ILE:HD12	1:C:18:ILE:HB	4	0.14
(1,62)	1:A:18:ILE:HD13	1:A:18:ILE:HB	4	0.14
(1,62)	1:A:18:ILE:HD13	1:B:18:ILE:HB	4	0.14
(1,62)	1:A:18:ILE:HD13	1:C:18:ILE:HB	4	0.14
(1,62)	1:B:18:ILE:HD11	1:A:18:ILE:HB	4	0.14
(1,62)	1:B:18:ILE:HD11	1:B:18:ILE:HB	4	0.14
(1,62)	1:B:18:ILE:HD11	1:C:18:ILE:HB	4	0.14
(1,62)	1:B:18:ILE:HD12	1:A:18:ILE:HB	4	0.14
(1,62)	1:B:18:ILE:HD12	1:B:18:ILE:HB	4	0.14
(1,62)	1:B:18:ILE:HD12	1:C:18:ILE:HB	4	0.14
(1,62)	1:B:18:ILE:HD13	1:A:18:ILE:HB	4	0.14
(1,62)	1:B:18:ILE:HD13	1:B:18:ILE:HB	4	0.14
(1,62)	1:B:18:ILE:HD13	1:C:18:ILE:HB	4	0.14
(1,62)	1:C:18:ILE:HD11	1:A:18:ILE:HB	4	0.14
(1,62)	1:C:18:ILE:HD11	1:B:18:ILE:HB	4	0.14
(1,62)	1:C:18:ILE:HD11	1:C:18:ILE:HB	4	0.14
(1,62)	1:C:18:ILE:HD12	1:A:18:ILE:HB	4	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,62)	1:C:18:ILE:HD12	1:B:18:ILE:HB	4	0.14
(1,62)	1:C:18:ILE:HD12	1:C:18:ILE:HB	4	0.14
(1,62)	1:C:18:ILE:HD13	1:A:18:ILE:HB	4	0.14
(1,62)	1:C:18:ILE:HD13	1:B:18:ILE:HB	4	0.14
(1,62)	1:C:18:ILE:HD13	1:C:18:ILE:HB	4	0.14
(1,62)	1:A:18:ILE:HD11	1:A:18:ILE:HB	19	0.14
(1,62)	1:A:18:ILE:HD11	1:B:18:ILE:HB	19	0.14
(1,62)	1:A:18:ILE:HD11	1:C:18:ILE:HB	19	0.14
(1,62)	1:A:18:ILE:HD12	1:A:18:ILE:HB	19	0.14
(1,62)	1:A:18:ILE:HD12	1:B:18:ILE:HB	19	0.14
(1,62)	1:A:18:ILE:HD12	1:C:18:ILE:HB	19	0.14
(1,62)	1:A:18:ILE:HD13	1:A:18:ILE:HB	19	0.14
(1,62)	1:A:18:ILE:HD13	1:B:18:ILE:HB	19	0.14
(1,62)	1:A:18:ILE:HD13	1:C:18:ILE:HB	19	0.14
(1,62)	1:B:18:ILE:HD11	1:A:18:ILE:HB	19	0.14
(1,62)	1:B:18:ILE:HD11	1:B:18:ILE:HB	19	0.14
(1,62)	1:B:18:ILE:HD11	1:C:18:ILE:HB	19	0.14
(1,62)	1:B:18:ILE:HD12	1:A:18:ILE:HB	19	0.14
(1,62)	1:B:18:ILE:HD12	1:B:18:ILE:HB	19	0.14
(1,62)	1:B:18:ILE:HD12	1:C:18:ILE:HB	19	0.14
(1,62)	1:B:18:ILE:HD13	1:A:18:ILE:HB	19	0.14
(1,62)	1:B:18:ILE:HD13	1:B:18:ILE:HB	19	0.14
(1,62)	1:B:18:ILE:HD13	1:C:18:ILE:HB	19	0.14
(1,62)	1:C:18:ILE:HD11	1:A:18:ILE:HB	19	0.14
(1,62)	1:C:18:ILE:HD11	1:B:18:ILE:HB	19	0.14
(1,62)	1:C:18:ILE:HD11	1:C:18:ILE:HB	19	0.14
(1,62)	1:C:18:ILE:HD12	1:A:18:ILE:HB	19	0.14
(1,62)	1:C:18:ILE:HD12	1:B:18:ILE:HB	19	0.14
(1,62)	1:C:18:ILE:HD12	1:C:18:ILE:HB	19	0.14
(1,62)	1:C:18:ILE:HD13	1:A:18:ILE:HB	19	0.14
(1,62)	1:C:18:ILE:HD13	1:B:18:ILE:HB	19	0.14
(1,62)	1:C:18:ILE:HD13	1:C:18:ILE:HB	19	0.14
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	15	0.14
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	15	0.14
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	15	0.14
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	15	0.14
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	15	0.14
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	15	0.14
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	15	0.14
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	15	0.14
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	15	0.14
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	15	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	15	0.14
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	15	0.14
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	15	0.14
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	15	0.14
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	15	0.14
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	15	0.14
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	15	0.14
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	15	0.14
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	15	0.14
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	15	0.14
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	15	0.14
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	15	0.14
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	15	0.14
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	15	0.14
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	15	0.14
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	15	0.14
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	15	0.14
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	15	0.14
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	15	0.14
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	15	0.14
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	15	0.14
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	15	0.14
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	15	0.14
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	15	0.14
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	15	0.14
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	15	0.14
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	15	0.14
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	15	0.14
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	15	0.14
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	15	0.14
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	15	0.14
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	15	0.14
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	15	0.14
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	15	0.14
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	15	0.14
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	15	0.14
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	15	0.14
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	15	0.14
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	15	0.14
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	15	0.14
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	15	0.14
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	15	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	15	0.14
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	15	0.14
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	2	0.14
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	2	0.14
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	2	0.14
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	2	0.14
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	2	0.14
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	2	0.14
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	2	0.14
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	2	0.14
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	2	0.14
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	2	0.14
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	2	0.14
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	2	0.14
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	2	0.14
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	2	0.14
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	2	0.14
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	2	0.14
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	2	0.14
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	2	0.14
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	2	0.14
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	2	0.14
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	2	0.14
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	2	0.14
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	2	0.14
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	2	0.14
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	2	0.14
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	2	0.14
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	2	0.14
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	2	0.14
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	2	0.14
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	2	0.14
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	2	0.14
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	2	0.14
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	2	0.14
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	2	0.14
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	2	0.14
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	2	0.14
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	3	0.14
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	3	0.14
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	3	0.14
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	3	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	3	0.14
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	3	0.14
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	3	0.14
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	3	0.14
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	3	0.14
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	3	0.14
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	3	0.14
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	3	0.14
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	3	0.14
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	3	0.14
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	3	0.14
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	3	0.14
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	3	0.14
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	3	0.14
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	3	0.14
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	3	0.14
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	3	0.14
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	3	0.14
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	3	0.14
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	3	0.14
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	3	0.14
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	3	0.14
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	3	0.14
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	3	0.14
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	3	0.14
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	3	0.14
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	3	0.14
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	3	0.14
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	3	0.14
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	3	0.14
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	3	0.14
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	3	0.14
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	9	0.14
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	9	0.14
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	9	0.14
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	9	0.14
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	9	0.14
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	9	0.14
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	9	0.14
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	9	0.14
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	9	0.14
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	9	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	9	0.14
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	9	0.14
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	9	0.14
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	9	0.14
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	9	0.14
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	9	0.14
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	9	0.14
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	9	0.14
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	9	0.14
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	9	0.14
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	9	0.14
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	9	0.14
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	9	0.14
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	9	0.14
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	9	0.14
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	9	0.14
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	9	0.14
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	9	0.14
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	9	0.14
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	9	0.14
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	9	0.14
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	9	0.14
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	9	0.14
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	9	0.14
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	9	0.14
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	9	0.14
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	10	0.14
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	10	0.14
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	10	0.14
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	10	0.14
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	10	0.14
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	10	0.14
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	10	0.14
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	10	0.14
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	10	0.14
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	10	0.14
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	10	0.14
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	10	0.14
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	10	0.14
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	10	0.14
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	10	0.14
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	10	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	10	0.14
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	10	0.14
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	10	0.14
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	10	0.14
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	10	0.14
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	10	0.14
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	10	0.14
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	10	0.14
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	10	0.14
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	10	0.14
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	10	0.14
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	10	0.14
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	10	0.14
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	10	0.14
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	10	0.14
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	10	0.14
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	10	0.14
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	10	0.14
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	10	0.14
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	10	0.14
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	16	0.14
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	16	0.14
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	16	0.14
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	16	0.14
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	16	0.14
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	16	0.14
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	16	0.14
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	16	0.14
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	16	0.14
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	16	0.14
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	16	0.14
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	16	0.14
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	16	0.14
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	16	0.14
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	16	0.14
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	16	0.14
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	16	0.14
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	16	0.14
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	16	0.14
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	16	0.14
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	16	0.14
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	16	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	16	0.14
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	16	0.14
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	16	0.14
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	16	0.14
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	16	0.14
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	16	0.14
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	16	0.14
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	16	0.14
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	16	0.14
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	16	0.14
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	16	0.14
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	16	0.14
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	16	0.14
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	16	0.14
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB2	1	0.14
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB3	1	0.14
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB2	1	0.14
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB3	1	0.14
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB2	1	0.14
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB3	1	0.14
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB2	1	0.14
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB3	1	0.14
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB2	1	0.14
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB3	1	0.14
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB2	1	0.14
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB3	1	0.14
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB2	1	0.14
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB3	1	0.14
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB2	1	0.14
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB3	1	0.14
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB2	1	0.14
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB3	1	0.14
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB2	1	0.14
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB3	1	0.14
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB2	1	0.14
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB3	1	0.14
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB2	1	0.14
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB3	1	0.14
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB2	1	0.14
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB3	1	0.14
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB2	1	0.14
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB3	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB2	1	0.14
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB3	1	0.14
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB2	1	0.14
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB3	1	0.14
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB2	1	0.14
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB3	1	0.14
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB2	1	0.14
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB3	1	0.14
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB2	1	0.14
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB3	1	0.14
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB2	1	0.14
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB3	1	0.14
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB2	1	0.14
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB3	1	0.14
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB2	1	0.14
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB3	1	0.14
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB2	1	0.14
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB3	1	0.14
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB2	1	0.14
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB3	1	0.14
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB2	1	0.14
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB3	1	0.14
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB2	1	0.14
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB3	1	0.14
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB2	1	0.14
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB3	1	0.14
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB2	5	0.14
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB3	5	0.14
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB2	5	0.14
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB3	5	0.14
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB2	5	0.14
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB3	5	0.14
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB2	5	0.14
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB3	5	0.14
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB2	5	0.14
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB3	5	0.14
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB2	5	0.14
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB3	5	0.14
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB2	5	0.14
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB3	5	0.14
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB2	5	0.14
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB3	5	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB2	5	0.14
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB3	5	0.14
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB2	5	0.14
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB3	5	0.14
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB2	5	0.14
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB3	5	0.14
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB2	5	0.14
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB3	5	0.14
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB2	5	0.14
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB3	5	0.14
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB2	5	0.14
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB3	5	0.14
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB2	5	0.14
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB3	5	0.14
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB2	5	0.14
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB3	5	0.14
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB2	5	0.14
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB3	5	0.14
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB2	5	0.14
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB3	5	0.14
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB2	5	0.14
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB3	5	0.14
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB2	5	0.14
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB3	5	0.14
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB2	5	0.14
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB3	5	0.14
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB2	5	0.14
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB3	5	0.14
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB2	5	0.14
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB3	5	0.14
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB2	5	0.14
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB3	5	0.14
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB2	5	0.14
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB3	5	0.14
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB2	5	0.14
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB3	5	0.14
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB2	5	0.14
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB3	5	0.14
(1,33)	1:A:17:MET:HE1	1:A:18:ILE:HA	2	0.14
(1,33)	1:A:17:MET:HE1	1:B:18:ILE:HA	2	0.14
(1,33)	1:A:17:MET:HE1	1:C:18:ILE:HA	2	0.14
(1,33)	1:A:17:MET:HE2	1:A:18:ILE:HA	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:A:17:MET:HE2	1:B:18:ILE:HA	2	0.14
(1,33)	1:A:17:MET:HE2	1:C:18:ILE:HA	2	0.14
(1,33)	1:A:17:MET:HE3	1:A:18:ILE:HA	2	0.14
(1,33)	1:A:17:MET:HE3	1:B:18:ILE:HA	2	0.14
(1,33)	1:A:17:MET:HE3	1:C:18:ILE:HA	2	0.14
(1,33)	1:B:17:MET:HE1	1:A:18:ILE:HA	2	0.14
(1,33)	1:B:17:MET:HE1	1:B:18:ILE:HA	2	0.14
(1,33)	1:B:17:MET:HE1	1:C:18:ILE:HA	2	0.14
(1,33)	1:B:17:MET:HE2	1:A:18:ILE:HA	2	0.14
(1,33)	1:B:17:MET:HE2	1:B:18:ILE:HA	2	0.14
(1,33)	1:B:17:MET:HE2	1:C:18:ILE:HA	2	0.14
(1,33)	1:B:17:MET:HE3	1:A:18:ILE:HA	2	0.14
(1,33)	1:B:17:MET:HE3	1:B:18:ILE:HA	2	0.14
(1,33)	1:B:17:MET:HE3	1:C:18:ILE:HA	2	0.14
(1,33)	1:C:17:MET:HE1	1:A:18:ILE:HA	2	0.14
(1,33)	1:C:17:MET:HE1	1:B:18:ILE:HA	2	0.14
(1,33)	1:C:17:MET:HE1	1:C:18:ILE:HA	2	0.14
(1,33)	1:C:17:MET:HE2	1:A:18:ILE:HA	2	0.14
(1,33)	1:C:17:MET:HE2	1:B:18:ILE:HA	2	0.14
(1,33)	1:C:17:MET:HE2	1:C:18:ILE:HA	2	0.14
(1,33)	1:C:17:MET:HE3	1:A:18:ILE:HA	2	0.14
(1,33)	1:C:17:MET:HE3	1:B:18:ILE:HA	2	0.14
(1,33)	1:C:17:MET:HE3	1:C:18:ILE:HA	2	0.14
(1,278)	1:A:2:LEU:HA	1:A:6:ILE:H	18	0.14
(1,278)	1:A:2:LEU:HA	1:B:6:ILE:H	18	0.14
(1,278)	1:A:2:LEU:HA	1:C:6:ILE:H	18	0.14
(1,278)	1:B:2:LEU:HA	1:A:6:ILE:H	18	0.14
(1,278)	1:B:2:LEU:HA	1:B:6:ILE:H	18	0.14
(1,278)	1:B:2:LEU:HA	1:C:6:ILE:H	18	0.14
(1,278)	1:C:2:LEU:HA	1:A:6:ILE:H	18	0.14
(1,278)	1:C:2:LEU:HA	1:B:6:ILE:H	18	0.14
(1,278)	1:C:2:LEU:HA	1:C:6:ILE:H	18	0.14
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG21	6	0.14
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG22	6	0.14
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG23	6	0.14
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG21	6	0.14
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG22	6	0.14
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG23	6	0.14
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG21	6	0.14
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG22	6	0.14
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG23	6	0.14
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG21	6	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG22	6	0.14
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG23	6	0.14
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG21	6	0.14
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG22	6	0.14
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG23	6	0.14
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG21	6	0.14
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG22	6	0.14
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG23	6	0.14
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG21	6	0.14
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG22	6	0.14
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG23	6	0.14
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG21	6	0.14
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG22	6	0.14
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG23	6	0.14
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG21	6	0.14
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG22	6	0.14
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG23	6	0.14
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG21	6	0.14
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG22	6	0.14
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG23	6	0.14
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG21	6	0.14
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG22	6	0.14
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG23	6	0.14
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG21	6	0.14
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG22	6	0.14
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG23	6	0.14
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG21	6	0.14
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG22	6	0.14
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG23	6	0.14
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG21	6	0.14
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG22	6	0.14
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG23	6	0.14
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG21	6	0.14
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG22	6	0.14
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG23	6	0.14
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG21	6	0.14
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG22	6	0.14
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG23	6	0.14
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG21	6	0.14
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG22	6	0.14
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG23	6	0.14
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG21	6	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG22	6	0.14
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG23	6	0.14
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD11	1	0.14
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD12	1	0.14
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD13	1	0.14
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD11	1	0.14
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD12	1	0.14
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD13	1	0.14
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD11	1	0.14
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD12	1	0.14
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD13	1	0.14
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD11	1	0.14
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD12	1	0.14
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD13	1	0.14
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD11	1	0.14
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD12	1	0.14
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD13	1	0.14
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD11	1	0.14
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD12	1	0.14
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD13	1	0.14
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD11	1	0.14
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD12	1	0.14
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD13	1	0.14
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD11	1	0.14
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD12	1	0.14
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD13	1	0.14
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD11	1	0.14
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD12	1	0.14
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD13	1	0.14
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE1	4	0.14
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE2	4	0.14
(1,258)	1:A:21:TRP:HE3	1:A:17:MET:HE3	4	0.14
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE1	4	0.14
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE2	4	0.14
(1,258)	1:A:21:TRP:HE3	1:B:17:MET:HE3	4	0.14
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE1	4	0.14
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE2	4	0.14
(1,258)	1:A:21:TRP:HE3	1:C:17:MET:HE3	4	0.14
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE1	4	0.14
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE2	4	0.14
(1,258)	1:B:21:TRP:HE3	1:A:17:MET:HE3	4	0.14
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE1	4	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE2	4	0.14
(1,258)	1:B:21:TRP:HE3	1:B:17:MET:HE3	4	0.14
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE1	4	0.14
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE2	4	0.14
(1,258)	1:B:21:TRP:HE3	1:C:17:MET:HE3	4	0.14
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE1	4	0.14
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE2	4	0.14
(1,258)	1:C:21:TRP:HE3	1:A:17:MET:HE3	4	0.14
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE1	4	0.14
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE2	4	0.14
(1,258)	1:C:21:TRP:HE3	1:B:17:MET:HE3	4	0.14
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE1	4	0.14
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE2	4	0.14
(1,258)	1:C:21:TRP:HE3	1:C:17:MET:HE3	4	0.14
(1,237)	1:A:14:TRP:HD1	1:A:10:ILE:HA	4	0.14
(1,237)	1:A:14:TRP:HD1	1:B:10:ILE:HA	4	0.14
(1,237)	1:A:14:TRP:HD1	1:C:10:ILE:HA	4	0.14
(1,237)	1:B:14:TRP:HD1	1:A:10:ILE:HA	4	0.14
(1,237)	1:B:14:TRP:HD1	1:B:10:ILE:HA	4	0.14
(1,237)	1:B:14:TRP:HD1	1:C:10:ILE:HA	4	0.14
(1,237)	1:C:14:TRP:HD1	1:A:10:ILE:HA	4	0.14
(1,237)	1:C:14:TRP:HD1	1:B:10:ILE:HA	4	0.14
(1,237)	1:C:14:TRP:HD1	1:C:10:ILE:HA	4	0.14
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	1	0.14
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	1	0.14
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	1	0.14
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	1	0.14
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	1	0.14
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	1	0.14
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	1	0.14
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	1	0.14
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	1	0.14
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	1	0.14
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	1	0.14
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	1	0.14
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	1	0.14
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	1	0.14
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	1	0.14
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	1	0.14
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	1	0.14
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	1	0.14
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	1	0.14
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	1	0.14
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	1	0.14
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	1	0.14
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	1	0.14
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	1	0.14
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	1	0.14
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	1	0.14
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	3	0.14
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	3	0.14
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	3	0.14
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	3	0.14
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	3	0.14
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	3	0.14
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	3	0.14
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	3	0.14
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	3	0.14
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	3	0.14
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	3	0.14
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	3	0.14
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	3	0.14
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	3	0.14
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	3	0.14
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	3	0.14
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	3	0.14
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	3	0.14
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	3	0.14
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	3	0.14
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	3	0.14
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	3	0.14
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	3	0.14
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	3	0.14
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	3	0.14
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	3	0.14
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	3	0.14
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	6	0.14
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	6	0.14
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	6	0.14
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	6	0.14
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	6	0.14
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	6	0.14
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	6	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	6	0.14
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	6	0.14
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	6	0.14
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	6	0.14
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	6	0.14
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	6	0.14
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	6	0.14
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	6	0.14
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	6	0.14
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	6	0.14
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	6	0.14
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	6	0.14
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	6	0.14
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	6	0.14
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	6	0.14
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	6	0.14
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	6	0.14
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	6	0.14
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	6	0.14
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	6	0.14
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	1	0.14
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	1	0.14
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	1	0.14
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	1	0.14
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	1	0.14
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	1	0.14
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	1	0.14
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	1	0.14
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	1	0.14
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	1	0.14
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	1	0.14
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	1	0.14
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	1	0.14
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	1	0.14
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	1	0.14
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	1	0.14
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	1	0.14
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	1	0.14
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	16	0.14
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	16	0.14
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	16	0.14
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	16	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	16	0.14
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	16	0.14
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	16	0.14
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	16	0.14
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	16	0.14
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	16	0.14
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	16	0.14
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	16	0.14
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	16	0.14
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	16	0.14
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	16	0.14
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	16	0.14
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	16	0.14
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	16	0.14
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	19	0.14
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	19	0.14
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	19	0.14
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	19	0.14
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	19	0.14
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	19	0.14
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	19	0.14
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	19	0.14
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	19	0.14
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	19	0.14
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	19	0.14
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	19	0.14
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	19	0.14
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	19	0.14
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	19	0.14
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	19	0.14
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	19	0.14
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	19	0.14
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	4	0.14
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	4	0.14
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	4	0.14
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	4	0.14
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	4	0.14
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	4	0.14
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	4	0.14
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	4	0.14
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	4	0.14
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	4	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	4	0.14
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	4	0.14
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	4	0.14
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	4	0.14
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	4	0.14
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	4	0.14
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	4	0.14
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	4	0.14
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	4	0.14
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	4	0.14
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	4	0.14
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	4	0.14
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	4	0.14
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	4	0.14
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	4	0.14
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	4	0.14
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	4	0.14
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	4	0.14
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	4	0.14
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	4	0.14
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	4	0.14
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	4	0.14
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	4	0.14
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	4	0.14
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	4	0.14
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	4	0.14
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	4	0.14
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	4	0.14
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	4	0.14
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	4	0.14
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	4	0.14
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	4	0.14
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	4	0.14
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	4	0.14
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	4	0.14
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	4	0.14
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	4	0.14
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	4	0.14
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	4	0.14
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	4	0.14
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	4	0.14
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	4	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	4	0.14
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	4	0.14
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	12	0.14
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	12	0.14
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	12	0.14
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	12	0.14
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	12	0.14
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	12	0.14
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	12	0.14
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	12	0.14
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	12	0.14
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	12	0.14
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	12	0.14
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	12	0.14
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	12	0.14
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	12	0.14
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	12	0.14
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	12	0.14
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	12	0.14
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	12	0.14
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	12	0.14
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	12	0.14
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	12	0.14
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	12	0.14
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	12	0.14
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	12	0.14
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	12	0.14
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	12	0.14
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	12	0.14
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	12	0.14
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	12	0.14
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	12	0.14
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	12	0.14
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	12	0.14
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	12	0.14
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	12	0.14
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	12	0.14
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	12	0.14
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	12	0.14
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	12	0.14
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	12	0.14
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	12	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	12	0.14
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	12	0.14
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	12	0.14
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	12	0.14
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	12	0.14
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	12	0.14
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	12	0.14
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	12	0.14
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	12	0.14
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	12	0.14
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	12	0.14
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	12	0.14
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	12	0.14
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	12	0.14
(1,164)	1:A:6:ILE:HD11	1:A:7:ALA:H	14	0.14
(1,164)	1:A:6:ILE:HD11	1:B:7:ALA:H	14	0.14
(1,164)	1:A:6:ILE:HD11	1:C:7:ALA:H	14	0.14
(1,164)	1:A:6:ILE:HD12	1:A:7:ALA:H	14	0.14
(1,164)	1:A:6:ILE:HD12	1:B:7:ALA:H	14	0.14
(1,164)	1:A:6:ILE:HD12	1:C:7:ALA:H	14	0.14
(1,164)	1:A:6:ILE:HD13	1:A:7:ALA:H	14	0.14
(1,164)	1:A:6:ILE:HD13	1:B:7:ALA:H	14	0.14
(1,164)	1:A:6:ILE:HD13	1:C:7:ALA:H	14	0.14
(1,164)	1:B:6:ILE:HD11	1:A:7:ALA:H	14	0.14
(1,164)	1:B:6:ILE:HD11	1:B:7:ALA:H	14	0.14
(1,164)	1:B:6:ILE:HD11	1:C:7:ALA:H	14	0.14
(1,164)	1:B:6:ILE:HD12	1:A:7:ALA:H	14	0.14
(1,164)	1:B:6:ILE:HD12	1:B:7:ALA:H	14	0.14
(1,164)	1:B:6:ILE:HD12	1:C:7:ALA:H	14	0.14
(1,164)	1:B:6:ILE:HD13	1:A:7:ALA:H	14	0.14
(1,164)	1:B:6:ILE:HD13	1:B:7:ALA:H	14	0.14
(1,164)	1:B:6:ILE:HD13	1:C:7:ALA:H	14	0.14
(1,164)	1:C:6:ILE:HD11	1:A:7:ALA:H	14	0.14
(1,164)	1:C:6:ILE:HD11	1:B:7:ALA:H	14	0.14
(1,164)	1:C:6:ILE:HD11	1:C:7:ALA:H	14	0.14
(1,164)	1:C:6:ILE:HD12	1:A:7:ALA:H	14	0.14
(1,164)	1:C:6:ILE:HD12	1:B:7:ALA:H	14	0.14
(1,164)	1:C:6:ILE:HD12	1:C:7:ALA:H	14	0.14
(1,164)	1:C:6:ILE:HD13	1:A:7:ALA:H	14	0.14
(1,164)	1:C:6:ILE:HD13	1:B:7:ALA:H	14	0.14
(1,164)	1:C:6:ILE:HD13	1:C:7:ALA:H	14	0.14
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	16	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	16	0.14
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	16	0.14
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	16	0.14
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	16	0.14
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	16	0.14
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	16	0.14
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	16	0.14
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	16	0.14
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	16	0.14
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	16	0.14
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	16	0.14
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	16	0.14
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	16	0.14
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	16	0.14
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	16	0.14
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	16	0.14
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	16	0.14
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	16	0.14
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	16	0.14
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	16	0.14
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	16	0.14
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	16	0.14
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	16	0.14
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	16	0.14
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	16	0.14
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	16	0.14
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	20	0.14
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	20	0.14
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	20	0.14
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	20	0.14
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	20	0.14
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	20	0.14
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	20	0.14
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	20	0.14
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	20	0.14
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	20	0.14
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	20	0.14
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	20	0.14
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	20	0.14
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	20	0.14
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	20	0.14
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	20	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	20	0.14
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	20	0.14
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	20	0.14
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	20	0.14
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	20	0.14
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	20	0.14
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	20	0.14
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	20	0.14
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	20	0.14
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	20	0.14
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	20	0.14
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	13	0.14
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	13	0.14
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	13	0.14
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	13	0.14
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	13	0.14
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	13	0.14
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	13	0.14
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	13	0.14
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	13	0.14
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	17	0.14
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	17	0.14
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	17	0.14
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	17	0.14
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	17	0.14
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	17	0.14
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	17	0.14
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	17	0.14
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	17	0.14
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	9	0.14
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	9	0.14
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	9	0.14
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	9	0.14
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	9	0.14
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	9	0.14
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	9	0.14
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	9	0.14
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	9	0.14
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG21	1	0.13
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG22	1	0.13
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG23	1	0.13
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG21	1	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG22	1	0.13
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG23	1	0.13
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG21	1	0.13
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG22	1	0.13
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG23	1	0.13
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG21	1	0.13
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG22	1	0.13
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG23	1	0.13
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG21	1	0.13
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG22	1	0.13
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG23	1	0.13
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG21	1	0.13
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG22	1	0.13
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG23	1	0.13
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG21	1	0.13
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG22	1	0.13
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG23	1	0.13
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG21	1	0.13
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG22	1	0.13
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG23	1	0.13
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG21	1	0.13
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG22	1	0.13
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG23	1	0.13
(1,92)	1:A:14:TRP:HD1	1:A:15:THR:HB	5	0.13
(1,92)	1:A:14:TRP:HD1	1:B:15:THR:HB	5	0.13
(1,92)	1:A:14:TRP:HD1	1:C:15:THR:HB	5	0.13
(1,92)	1:B:14:TRP:HD1	1:A:15:THR:HB	5	0.13
(1,92)	1:B:14:TRP:HD1	1:B:15:THR:HB	5	0.13
(1,92)	1:B:14:TRP:HD1	1:C:15:THR:HB	5	0.13
(1,92)	1:C:14:TRP:HD1	1:A:15:THR:HB	5	0.13
(1,92)	1:C:14:TRP:HD1	1:B:15:THR:HB	5	0.13
(1,92)	1:C:14:TRP:HD1	1:C:15:THR:HB	5	0.13
(1,92)	1:A:14:TRP:HD1	1:A:15:THR:HB	12	0.13
(1,92)	1:A:14:TRP:HD1	1:B:15:THR:HB	12	0.13
(1,92)	1:A:14:TRP:HD1	1:C:15:THR:HB	12	0.13
(1,92)	1:B:14:TRP:HD1	1:A:15:THR:HB	12	0.13
(1,92)	1:B:14:TRP:HD1	1:B:15:THR:HB	12	0.13
(1,92)	1:B:14:TRP:HD1	1:C:15:THR:HB	12	0.13
(1,92)	1:C:14:TRP:HD1	1:A:15:THR:HB	12	0.13
(1,92)	1:C:14:TRP:HD1	1:B:15:THR:HB	12	0.13
(1,92)	1:C:14:TRP:HD1	1:C:15:THR:HB	12	0.13
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	11	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	11	0.13
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	11	0.13
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	11	0.13
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	11	0.13
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	11	0.13
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	11	0.13
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	11	0.13
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	11	0.13
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	12	0.13
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	12	0.13
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	12	0.13
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	12	0.13
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	12	0.13
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	12	0.13
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	12	0.13
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	12	0.13
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	12	0.13
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	2	0.13
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	2	0.13
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	2	0.13
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	2	0.13
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	2	0.13
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	2	0.13
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	2	0.13
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	2	0.13
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	2	0.13
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	2	0.13
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	2	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	2	0.13
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	2	0.13
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	2	0.13
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	2	0.13
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	2	0.13
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	2	0.13
(1,68)	1:A:3:PHE:HD1	1:A:3:PHE:HA	5	0.13
(1,68)	1:A:3:PHE:HD1	1:B:3:PHE:HA	5	0.13
(1,68)	1:A:3:PHE:HD1	1:C:3:PHE:HA	5	0.13
(1,68)	1:A:3:PHE:HD2	1:A:3:PHE:HA	5	0.13
(1,68)	1:A:3:PHE:HD2	1:B:3:PHE:HA	5	0.13
(1,68)	1:A:3:PHE:HD2	1:C:3:PHE:HA	5	0.13
(1,68)	1:A:3:PHE:HE1	1:A:3:PHE:HA	5	0.13
(1,68)	1:A:3:PHE:HE1	1:B:3:PHE:HA	5	0.13
(1,68)	1:A:3:PHE:HE1	1:C:3:PHE:HA	5	0.13
(1,68)	1:A:3:PHE:HE2	1:A:3:PHE:HA	5	0.13
(1,68)	1:A:3:PHE:HE2	1:B:3:PHE:HA	5	0.13
(1,68)	1:A:3:PHE:HE2	1:C:3:PHE:HA	5	0.13
(1,68)	1:A:3:PHE:HZ	1:A:3:PHE:HA	5	0.13
(1,68)	1:A:3:PHE:HZ	1:B:3:PHE:HA	5	0.13
(1,68)	1:A:3:PHE:HZ	1:C:3:PHE:HA	5	0.13
(1,68)	1:B:3:PHE:HD1	1:A:3:PHE:HA	5	0.13
(1,68)	1:B:3:PHE:HD1	1:B:3:PHE:HA	5	0.13
(1,68)	1:B:3:PHE:HD1	1:C:3:PHE:HA	5	0.13
(1,68)	1:B:3:PHE:HD2	1:A:3:PHE:HA	5	0.13
(1,68)	1:B:3:PHE:HD2	1:B:3:PHE:HA	5	0.13
(1,68)	1:B:3:PHE:HD2	1:C:3:PHE:HA	5	0.13
(1,68)	1:B:3:PHE:HE1	1:A:3:PHE:HA	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:B:3:PHE:HE1	1:B:3:PHE:HA	5	0.13
(1,68)	1:B:3:PHE:HE1	1:C:3:PHE:HA	5	0.13
(1,68)	1:B:3:PHE:HE2	1:A:3:PHE:HA	5	0.13
(1,68)	1:B:3:PHE:HE2	1:B:3:PHE:HA	5	0.13
(1,68)	1:B:3:PHE:HE2	1:C:3:PHE:HA	5	0.13
(1,68)	1:B:3:PHE:HZ	1:A:3:PHE:HA	5	0.13
(1,68)	1:B:3:PHE:HZ	1:B:3:PHE:HA	5	0.13
(1,68)	1:B:3:PHE:HZ	1:C:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HD1	1:A:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HD1	1:B:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HD1	1:C:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HD2	1:A:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HD2	1:B:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HD2	1:C:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HE1	1:A:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HE1	1:B:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HE1	1:C:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HE2	1:A:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HE2	1:B:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HE2	1:C:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HZ	1:A:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HZ	1:B:3:PHE:HA	5	0.13
(1,68)	1:C:3:PHE:HZ	1:C:3:PHE:HA	5	0.13
(1,62)	1:A:18:ILE:HD11	1:A:18:ILE:HB	2	0.13
(1,62)	1:A:18:ILE:HD11	1:B:18:ILE:HB	2	0.13
(1,62)	1:A:18:ILE:HD11	1:C:18:ILE:HB	2	0.13
(1,62)	1:A:18:ILE:HD12	1:A:18:ILE:HB	2	0.13
(1,62)	1:A:18:ILE:HD12	1:B:18:ILE:HB	2	0.13
(1,62)	1:A:18:ILE:HD12	1:C:18:ILE:HB	2	0.13
(1,62)	1:A:18:ILE:HD13	1:A:18:ILE:HB	2	0.13
(1,62)	1:A:18:ILE:HD13	1:B:18:ILE:HB	2	0.13
(1,62)	1:A:18:ILE:HD13	1:C:18:ILE:HB	2	0.13
(1,62)	1:B:18:ILE:HD11	1:A:18:ILE:HB	2	0.13
(1,62)	1:B:18:ILE:HD11	1:B:18:ILE:HB	2	0.13
(1,62)	1:B:18:ILE:HD11	1:C:18:ILE:HB	2	0.13
(1,62)	1:B:18:ILE:HD12	1:A:18:ILE:HB	2	0.13
(1,62)	1:B:18:ILE:HD12	1:B:18:ILE:HB	2	0.13
(1,62)	1:B:18:ILE:HD12	1:C:18:ILE:HB	2	0.13
(1,62)	1:B:18:ILE:HD13	1:A:18:ILE:HB	2	0.13
(1,62)	1:B:18:ILE:HD13	1:B:18:ILE:HB	2	0.13
(1,62)	1:B:18:ILE:HD13	1:C:18:ILE:HB	2	0.13
(1,62)	1:C:18:ILE:HD11	1:A:18:ILE:HB	2	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,62)	1:C:18:ILE:HD11	1:B:18:ILE:HB	2	0.13
(1,62)	1:C:18:ILE:HD11	1:C:18:ILE:HB	2	0.13
(1,62)	1:C:18:ILE:HD12	1:A:18:ILE:HB	2	0.13
(1,62)	1:C:18:ILE:HD12	1:B:18:ILE:HB	2	0.13
(1,62)	1:C:18:ILE:HD12	1:C:18:ILE:HB	2	0.13
(1,62)	1:C:18:ILE:HD13	1:A:18:ILE:HB	2	0.13
(1,62)	1:C:18:ILE:HD13	1:B:18:ILE:HB	2	0.13
(1,62)	1:C:18:ILE:HD13	1:C:18:ILE:HB	2	0.13
(1,62)	1:A:18:ILE:HD11	1:A:18:ILE:HB	3	0.13
(1,62)	1:A:18:ILE:HD11	1:B:18:ILE:HB	3	0.13
(1,62)	1:A:18:ILE:HD11	1:C:18:ILE:HB	3	0.13
(1,62)	1:A:18:ILE:HD12	1:A:18:ILE:HB	3	0.13
(1,62)	1:A:18:ILE:HD12	1:B:18:ILE:HB	3	0.13
(1,62)	1:A:18:ILE:HD12	1:C:18:ILE:HB	3	0.13
(1,62)	1:A:18:ILE:HD13	1:A:18:ILE:HB	3	0.13
(1,62)	1:A:18:ILE:HD13	1:B:18:ILE:HB	3	0.13
(1,62)	1:A:18:ILE:HD13	1:C:18:ILE:HB	3	0.13
(1,62)	1:B:18:ILE:HD11	1:A:18:ILE:HB	3	0.13
(1,62)	1:B:18:ILE:HD11	1:B:18:ILE:HB	3	0.13
(1,62)	1:B:18:ILE:HD11	1:C:18:ILE:HB	3	0.13
(1,62)	1:B:18:ILE:HD12	1:A:18:ILE:HB	3	0.13
(1,62)	1:B:18:ILE:HD12	1:B:18:ILE:HB	3	0.13
(1,62)	1:B:18:ILE:HD12	1:C:18:ILE:HB	3	0.13
(1,62)	1:B:18:ILE:HD13	1:A:18:ILE:HB	3	0.13
(1,62)	1:B:18:ILE:HD13	1:B:18:ILE:HB	3	0.13
(1,62)	1:B:18:ILE:HD13	1:C:18:ILE:HB	3	0.13
(1,62)	1:C:18:ILE:HD11	1:A:18:ILE:HB	3	0.13
(1,62)	1:C:18:ILE:HD11	1:B:18:ILE:HB	3	0.13
(1,62)	1:C:18:ILE:HD11	1:C:18:ILE:HB	3	0.13
(1,62)	1:C:18:ILE:HD12	1:A:18:ILE:HB	3	0.13
(1,62)	1:C:18:ILE:HD12	1:B:18:ILE:HB	3	0.13
(1,62)	1:C:18:ILE:HD12	1:C:18:ILE:HB	3	0.13
(1,62)	1:C:18:ILE:HD13	1:A:18:ILE:HB	3	0.13
(1,62)	1:C:18:ILE:HD13	1:B:18:ILE:HB	3	0.13
(1,62)	1:C:18:ILE:HD13	1:C:18:ILE:HB	3	0.13
(1,62)	1:A:18:ILE:HD11	1:A:18:ILE:HB	6	0.13
(1,62)	1:A:18:ILE:HD11	1:B:18:ILE:HB	6	0.13
(1,62)	1:A:18:ILE:HD11	1:C:18:ILE:HB	6	0.13
(1,62)	1:A:18:ILE:HD12	1:A:18:ILE:HB	6	0.13
(1,62)	1:A:18:ILE:HD12	1:B:18:ILE:HB	6	0.13
(1,62)	1:A:18:ILE:HD12	1:C:18:ILE:HB	6	0.13
(1,62)	1:A:18:ILE:HD13	1:A:18:ILE:HB	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,62)	1:A:18:ILE:HD13	1:B:18:ILE:HB	6	0.13
(1,62)	1:A:18:ILE:HD13	1:C:18:ILE:HB	6	0.13
(1,62)	1:B:18:ILE:HD11	1:A:18:ILE:HB	6	0.13
(1,62)	1:B:18:ILE:HD11	1:B:18:ILE:HB	6	0.13
(1,62)	1:B:18:ILE:HD11	1:C:18:ILE:HB	6	0.13
(1,62)	1:B:18:ILE:HD12	1:A:18:ILE:HB	6	0.13
(1,62)	1:B:18:ILE:HD12	1:B:18:ILE:HB	6	0.13
(1,62)	1:B:18:ILE:HD12	1:C:18:ILE:HB	6	0.13
(1,62)	1:B:18:ILE:HD13	1:A:18:ILE:HB	6	0.13
(1,62)	1:B:18:ILE:HD13	1:B:18:ILE:HB	6	0.13
(1,62)	1:B:18:ILE:HD13	1:C:18:ILE:HB	6	0.13
(1,62)	1:C:18:ILE:HD11	1:A:18:ILE:HB	6	0.13
(1,62)	1:C:18:ILE:HD11	1:B:18:ILE:HB	6	0.13
(1,62)	1:C:18:ILE:HD11	1:C:18:ILE:HB	6	0.13
(1,62)	1:C:18:ILE:HD12	1:A:18:ILE:HB	6	0.13
(1,62)	1:C:18:ILE:HD12	1:B:18:ILE:HB	6	0.13
(1,62)	1:C:18:ILE:HD12	1:C:18:ILE:HB	6	0.13
(1,62)	1:C:18:ILE:HD13	1:A:18:ILE:HB	6	0.13
(1,62)	1:C:18:ILE:HD13	1:B:18:ILE:HB	6	0.13
(1,62)	1:C:18:ILE:HD13	1:C:18:ILE:HB	6	0.13
(1,62)	1:A:18:ILE:HD11	1:A:18:ILE:HB	15	0.13
(1,62)	1:A:18:ILE:HD11	1:B:18:ILE:HB	15	0.13
(1,62)	1:A:18:ILE:HD11	1:C:18:ILE:HB	15	0.13
(1,62)	1:A:18:ILE:HD12	1:A:18:ILE:HB	15	0.13
(1,62)	1:A:18:ILE:HD12	1:B:18:ILE:HB	15	0.13
(1,62)	1:A:18:ILE:HD12	1:C:18:ILE:HB	15	0.13
(1,62)	1:A:18:ILE:HD13	1:A:18:ILE:HB	15	0.13
(1,62)	1:A:18:ILE:HD13	1:B:18:ILE:HB	15	0.13
(1,62)	1:A:18:ILE:HD13	1:C:18:ILE:HB	15	0.13
(1,62)	1:B:18:ILE:HD11	1:A:18:ILE:HB	15	0.13
(1,62)	1:B:18:ILE:HD11	1:B:18:ILE:HB	15	0.13
(1,62)	1:B:18:ILE:HD11	1:C:18:ILE:HB	15	0.13
(1,62)	1:B:18:ILE:HD12	1:A:18:ILE:HB	15	0.13
(1,62)	1:B:18:ILE:HD12	1:B:18:ILE:HB	15	0.13
(1,62)	1:B:18:ILE:HD12	1:C:18:ILE:HB	15	0.13
(1,62)	1:B:18:ILE:HD13	1:A:18:ILE:HB	15	0.13
(1,62)	1:B:18:ILE:HD13	1:B:18:ILE:HB	15	0.13
(1,62)	1:B:18:ILE:HD13	1:C:18:ILE:HB	15	0.13
(1,62)	1:C:18:ILE:HD11	1:A:18:ILE:HB	15	0.13
(1,62)	1:C:18:ILE:HD11	1:B:18:ILE:HB	15	0.13
(1,62)	1:C:18:ILE:HD11	1:C:18:ILE:HB	15	0.13
(1,62)	1:C:18:ILE:HD12	1:A:18:ILE:HB	15	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,62)	1:C:18:ILE:HD12	1:B:18:ILE:HB	15	0.13
(1,62)	1:C:18:ILE:HD12	1:C:18:ILE:HB	15	0.13
(1,62)	1:C:18:ILE:HD13	1:A:18:ILE:HB	15	0.13
(1,62)	1:C:18:ILE:HD13	1:B:18:ILE:HB	15	0.13
(1,62)	1:C:18:ILE:HD13	1:C:18:ILE:HB	15	0.13
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	6	0.13
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	6	0.13
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	6	0.13
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	6	0.13
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	6	0.13
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	6	0.13
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	6	0.13
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	6	0.13
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	6	0.13
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	6	0.13
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	6	0.13
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	6	0.13
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	6	0.13
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	6	0.13
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	6	0.13
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	6	0.13
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	6	0.13
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	6	0.13
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	6	0.13
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	6	0.13
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	6	0.13
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	6	0.13
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	6	0.13
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	6	0.13
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	6	0.13
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	6	0.13
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	6	0.13
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	6	0.13
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	6	0.13
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	6	0.13
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	6	0.13
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	6	0.13
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	6	0.13
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	6	0.13
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	6	0.13
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	6	0.13
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	6	0.13
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	6	0.13
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	6	0.13
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	6	0.13
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	6	0.13
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	6	0.13
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	6	0.13
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	6	0.13
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	6	0.13
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	6	0.13
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	6	0.13
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	6	0.13
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	6	0.13
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	6	0.13
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	6	0.13
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	6	0.13
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	6	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	1	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	1	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	1	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	1	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	1	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	1	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	1	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	1	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	1	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	1	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	1	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	1	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	1	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	1	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	1	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	1	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	1	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	1	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	1	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	1	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	1	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	1	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	1	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	1	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	1	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	1	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	1	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	1	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	1	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	1	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	1	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	1	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	1	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	1	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	1	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	1	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	4	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	4	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	4	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	4	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	4	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	4	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	4	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	4	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	4	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	4	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	4	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	4	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	4	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	4	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	4	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	4	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	4	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	4	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	4	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	4	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	4	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	4	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	4	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	4	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	4	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	4	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	4	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	4	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	4	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	4	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	4	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	4	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	4	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	4	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	4	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	5	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	5	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	5	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	5	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	5	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	5	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	5	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	5	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	5	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	5	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	5	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	5	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	5	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	5	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	5	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	5	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	5	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	5	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	5	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	5	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	5	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	5	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	5	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	5	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	5	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	5	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	5	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	5	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	5	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	5	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	5	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	5	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	5	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	5	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	5	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	5	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	6	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	6	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	6	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	6	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	6	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	6	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	6	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	6	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	6	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	6	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	6	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	6	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	6	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	6	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	6	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	6	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	6	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	6	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	6	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	6	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	6	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	6	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	6	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	6	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	6	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	6	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	6	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	6	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	6	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	6	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	6	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	6	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	6	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	6	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	6	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	7	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	7	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	7	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	7	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	7	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	7	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	7	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	7	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	7	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	7	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	7	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	7	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	7	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	7	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	7	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	7	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	7	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	7	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	7	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	7	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	7	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	7	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	7	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	7	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	7	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	7	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	7	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	7	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	7	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	7	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	7	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	7	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	7	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	7	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	7	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	7	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	8	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	8	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	8	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	8	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	8	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	8	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	8	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	8	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	8	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	8	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	8	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	8	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	8	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	8	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	8	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	8	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	8	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	8	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	8	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	8	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	8	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	8	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	8	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	8	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	8	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	8	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	8	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	8	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	8	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	8	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	8	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	8	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	8	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	8	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	8	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	11	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	11	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	11	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	11	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	11	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	11	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	11	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	11	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	11	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	11	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	11	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	11	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	11	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	11	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	11	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	11	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	11	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	11	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	11	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	11	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	11	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	11	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	11	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	11	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	11	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	11	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	11	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	11	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	11	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	11	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	11	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	11	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	11	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	11	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	11	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	11	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	12	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	12	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	12	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	12	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	12	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	12	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	12	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	12	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	12	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	12	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	12	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	12	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	12	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	12	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	12	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	12	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	12	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	12	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	12	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	12	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	12	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	12	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	12	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	12	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	12	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	12	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	12	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	12	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	12	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	12	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	12	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	12	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	12	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	12	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	12	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	12	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	13	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	13	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	13	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	13	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	13	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	13	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	13	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	13	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	13	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	13	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	13	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	13	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	13	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	13	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	13	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	13	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	13	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	13	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	13	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	13	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	13	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	13	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	13	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	13	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	13	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	13	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	13	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	13	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	13	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	13	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	13	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	13	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	13	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	13	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	13	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	13	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	14	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	14	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	14	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	14	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	14	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	14	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	14	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	14	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	14	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	14	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	14	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	14	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	14	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	14	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	14	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	14	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	14	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	14	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	14	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	14	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	14	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	14	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	14	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	14	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	14	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	14	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	14	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	14	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	14	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	14	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	14	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	14	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	14	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	14	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	14	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	14	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	15	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	15	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	15	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	15	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	15	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	15	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	15	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	15	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	15	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	15	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	15	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	15	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	15	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	15	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	15	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	15	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	15	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	15	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	15	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	15	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	15	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	15	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	15	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	15	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	15	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	15	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	15	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	15	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	15	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	15	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	15	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	15	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	15	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	15	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	15	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	15	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	18	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	18	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	18	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	18	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	18	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	18	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	18	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	18	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	18	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	18	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	18	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	18	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	18	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	18	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	18	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	18	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	18	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	18	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	18	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	18	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	18	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	18	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	18	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	18	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	18	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	18	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	18	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	18	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	18	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	18	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	18	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	18	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	18	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	18	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	18	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	18	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	19	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	19	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	19	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	19	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	19	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	19	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	19	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	19	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	19	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	19	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	19	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	19	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	19	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	19	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	19	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	19	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	19	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	19	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	19	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	19	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	19	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	19	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	19	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	19	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	19	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	19	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	19	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	19	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	19	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	19	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	19	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	19	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	19	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	19	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	19	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	19	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	20	0.13
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	20	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	20	0.13
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	20	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	20	0.13
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	20	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	20	0.13
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	20	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	20	0.13
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	20	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	20	0.13
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	20	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	20	0.13
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	20	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	20	0.13
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	20	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	20	0.13
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	20	0.13
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	20	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	20	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	20	0.13
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	20	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	20	0.13
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	20	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	20	0.13
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	20	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	20	0.13
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	20	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	20	0.13
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	20	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	20	0.13
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	20	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	20	0.13
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	20	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	20	0.13
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	20	0.13
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB2	6	0.13
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB3	6	0.13
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB2	6	0.13
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB3	6	0.13
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB2	6	0.13
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB3	6	0.13
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB2	6	0.13
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB3	6	0.13
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB2	6	0.13
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB3	6	0.13
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB2	6	0.13
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB3	6	0.13
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB2	6	0.13
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB3	6	0.13
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB2	6	0.13
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB3	6	0.13
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB2	6	0.13
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB3	6	0.13
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB2	6	0.13
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB3	6	0.13
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB2	6	0.13
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB3	6	0.13
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB2	6	0.13
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB3	6	0.13
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB2	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB3	6	0.13
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB2	6	0.13
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB3	6	0.13
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB2	6	0.13
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB3	6	0.13
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB2	6	0.13
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB3	6	0.13
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB2	6	0.13
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB3	6	0.13
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB2	6	0.13
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB3	6	0.13
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB2	6	0.13
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB3	6	0.13
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB2	6	0.13
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB3	6	0.13
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB2	6	0.13
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB3	6	0.13
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB2	6	0.13
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB3	6	0.13
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB2	6	0.13
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB3	6	0.13
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB2	6	0.13
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB3	6	0.13
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB2	6	0.13
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB3	6	0.13
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB2	6	0.13
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB3	6	0.13
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB2	6	0.13
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB3	6	0.13
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB2	11	0.13
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB3	11	0.13
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB2	11	0.13
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB3	11	0.13
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB2	11	0.13
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB3	11	0.13
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB2	11	0.13
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB3	11	0.13
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB2	11	0.13
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB3	11	0.13
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB2	11	0.13
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB3	11	0.13
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB2	11	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB3	11	0.13
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB2	11	0.13
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB3	11	0.13
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB2	11	0.13
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB3	11	0.13
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB2	11	0.13
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB3	11	0.13
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB2	11	0.13
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB3	11	0.13
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB2	11	0.13
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB3	11	0.13
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB2	11	0.13
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB3	11	0.13
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB2	11	0.13
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB3	11	0.13
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB2	11	0.13
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB3	11	0.13
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB2	11	0.13
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB3	11	0.13
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB2	11	0.13
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB3	11	0.13
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB2	11	0.13
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB3	11	0.13
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB2	11	0.13
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB3	11	0.13
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB2	11	0.13
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB3	11	0.13
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB2	11	0.13
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB3	11	0.13
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB2	11	0.13
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB3	11	0.13
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB2	11	0.13
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB3	11	0.13
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB2	11	0.13
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB3	11	0.13
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB2	11	0.13
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB3	11	0.13
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB2	11	0.13
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB3	11	0.13
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB2	11	0.13
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB3	11	0.13
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	5	0.13
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	5	0.13
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	5	0.13
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	5	0.13
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	5	0.13
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	5	0.13
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	5	0.13
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	5	0.13
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	5	0.13
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	5	0.13
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	5	0.13
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	5	0.13
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	5	0.13
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	5	0.13
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	5	0.13
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	5	0.13
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	5	0.13
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	11	0.13
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	11	0.13
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	11	0.13
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	11	0.13
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	11	0.13
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	11	0.13
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	11	0.13
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	11	0.13
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	11	0.13
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	11	0.13
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	11	0.13
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	11	0.13
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	11	0.13
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	11	0.13
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	11	0.13
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	11	0.13
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	11	0.13
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	11	0.13
(1,309)	1:A:5:ALA:HB1	1:A:21:TRP:HE3	6	0.13
(1,309)	1:A:5:ALA:HB1	1:B:21:TRP:HE3	6	0.13
(1,309)	1:A:5:ALA:HB1	1:C:21:TRP:HE3	6	0.13
(1,309)	1:A:5:ALA:HB2	1:A:21:TRP:HE3	6	0.13
(1,309)	1:A:5:ALA:HB2	1:B:21:TRP:HE3	6	0.13
(1,309)	1:A:5:ALA:HB2	1:C:21:TRP:HE3	6	0.13
(1,309)	1:A:5:ALA:HB3	1:A:21:TRP:HE3	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,309)	1:A:5:ALA:HB3	1:B:21:TRP:HE3	6	0.13
(1,309)	1:A:5:ALA:HB3	1:C:21:TRP:HE3	6	0.13
(1,309)	1:B:5:ALA:HB1	1:A:21:TRP:HE3	6	0.13
(1,309)	1:B:5:ALA:HB1	1:B:21:TRP:HE3	6	0.13
(1,309)	1:B:5:ALA:HB1	1:C:21:TRP:HE3	6	0.13
(1,309)	1:B:5:ALA:HB2	1:A:21:TRP:HE3	6	0.13
(1,309)	1:B:5:ALA:HB2	1:B:21:TRP:HE3	6	0.13
(1,309)	1:B:5:ALA:HB2	1:C:21:TRP:HE3	6	0.13
(1,309)	1:B:5:ALA:HB3	1:A:21:TRP:HE3	6	0.13
(1,309)	1:B:5:ALA:HB3	1:B:21:TRP:HE3	6	0.13
(1,309)	1:B:5:ALA:HB3	1:C:21:TRP:HE3	6	0.13
(1,309)	1:C:5:ALA:HB1	1:A:21:TRP:HE3	6	0.13
(1,309)	1:C:5:ALA:HB1	1:B:21:TRP:HE3	6	0.13
(1,309)	1:C:5:ALA:HB1	1:C:21:TRP:HE3	6	0.13
(1,309)	1:C:5:ALA:HB2	1:A:21:TRP:HE3	6	0.13
(1,309)	1:C:5:ALA:HB2	1:B:21:TRP:HE3	6	0.13
(1,309)	1:C:5:ALA:HB2	1:C:21:TRP:HE3	6	0.13
(1,309)	1:C:5:ALA:HB3	1:A:21:TRP:HE3	6	0.13
(1,309)	1:C:5:ALA:HB3	1:B:21:TRP:HE3	6	0.13
(1,309)	1:C:5:ALA:HB3	1:C:21:TRP:HE3	6	0.13
(1,278)	1:A:2:LEU:HA	1:A:6:ILE:H	3	0.13
(1,278)	1:A:2:LEU:HA	1:B:6:ILE:H	3	0.13
(1,278)	1:A:2:LEU:HA	1:C:6:ILE:H	3	0.13
(1,278)	1:B:2:LEU:HA	1:A:6:ILE:H	3	0.13
(1,278)	1:B:2:LEU:HA	1:B:6:ILE:H	3	0.13
(1,278)	1:B:2:LEU:HA	1:C:6:ILE:H	3	0.13
(1,278)	1:C:2:LEU:HA	1:A:6:ILE:H	3	0.13
(1,278)	1:C:2:LEU:HA	1:B:6:ILE:H	3	0.13
(1,278)	1:C:2:LEU:HA	1:C:6:ILE:H	3	0.13
(1,270)	1:A:14:TRP:HE3	1:A:18:ILE:HG12	10	0.13
(1,270)	1:A:14:TRP:HE3	1:A:18:ILE:HG13	10	0.13
(1,270)	1:A:14:TRP:HE3	1:B:18:ILE:HG12	10	0.13
(1,270)	1:A:14:TRP:HE3	1:B:18:ILE:HG13	10	0.13
(1,270)	1:A:14:TRP:HE3	1:C:18:ILE:HG12	10	0.13
(1,270)	1:A:14:TRP:HE3	1:C:18:ILE:HG13	10	0.13
(1,270)	1:B:14:TRP:HE3	1:A:18:ILE:HG12	10	0.13
(1,270)	1:B:14:TRP:HE3	1:A:18:ILE:HG13	10	0.13
(1,270)	1:B:14:TRP:HE3	1:B:18:ILE:HG12	10	0.13
(1,270)	1:B:14:TRP:HE3	1:B:18:ILE:HG13	10	0.13
(1,270)	1:B:14:TRP:HE3	1:C:18:ILE:HG12	10	0.13
(1,270)	1:B:14:TRP:HE3	1:C:18:ILE:HG13	10	0.13
(1,270)	1:C:14:TRP:HE3	1:A:18:ILE:HG12	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,270)	1:C:14:TRP:HE3	1:A:18:ILE:HG13	10	0.13
(1,270)	1:C:14:TRP:HE3	1:B:18:ILE:HG12	10	0.13
(1,270)	1:C:14:TRP:HE3	1:B:18:ILE:HG13	10	0.13
(1,270)	1:C:14:TRP:HE3	1:C:18:ILE:HG12	10	0.13
(1,270)	1:C:14:TRP:HE3	1:C:18:ILE:HG13	10	0.13
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE1	3	0.13
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE2	3	0.13
(1,255)	1:A:14:TRP:HZ2	1:A:17:MET:HE3	3	0.13
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE1	3	0.13
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE2	3	0.13
(1,255)	1:A:14:TRP:HZ2	1:B:17:MET:HE3	3	0.13
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE1	3	0.13
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE2	3	0.13
(1,255)	1:A:14:TRP:HZ2	1:C:17:MET:HE3	3	0.13
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE1	3	0.13
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE2	3	0.13
(1,255)	1:B:14:TRP:HZ2	1:A:17:MET:HE3	3	0.13
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE1	3	0.13
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE2	3	0.13
(1,255)	1:B:14:TRP:HZ2	1:B:17:MET:HE3	3	0.13
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE1	3	0.13
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE2	3	0.13
(1,255)	1:B:14:TRP:HZ2	1:C:17:MET:HE3	3	0.13
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE1	3	0.13
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE2	3	0.13
(1,255)	1:C:14:TRP:HZ2	1:A:17:MET:HE3	3	0.13
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE1	3	0.13
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE2	3	0.13
(1,255)	1:C:14:TRP:HZ2	1:B:17:MET:HE3	3	0.13
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE1	3	0.13
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE2	3	0.13
(1,255)	1:C:14:TRP:HZ2	1:C:17:MET:HE3	3	0.13
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	11	0.13
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	11	0.13
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	11	0.13
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	11	0.13
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	11	0.13
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	11	0.13
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	11	0.13
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	11	0.13
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	11	0.13
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	11	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	11	0.13
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	11	0.13
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	11	0.13
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	11	0.13
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	11	0.13
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	11	0.13
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	11	0.13
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	11	0.13
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	11	0.13
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	11	0.13
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	11	0.13
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	11	0.13
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	11	0.13
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	11	0.13
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	11	0.13
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	11	0.13
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	11	0.13
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	13	0.13
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	13	0.13
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	13	0.13
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	13	0.13
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	13	0.13
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	13	0.13
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	13	0.13
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	13	0.13
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	13	0.13
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	13	0.13
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	13	0.13
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	13	0.13
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	13	0.13
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	13	0.13
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	13	0.13
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	13	0.13
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	13	0.13
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	13	0.13
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	13	0.13
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	13	0.13
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	13	0.13
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	13	0.13
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	13	0.13
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	13	0.13
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	13	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	13	0.13
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	13	0.13
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	16	0.13
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	16	0.13
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	16	0.13
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	16	0.13
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	16	0.13
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	16	0.13
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	16	0.13
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	16	0.13
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	16	0.13
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	16	0.13
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	16	0.13
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	16	0.13
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	16	0.13
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	16	0.13
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	16	0.13
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	16	0.13
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	16	0.13
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	16	0.13
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	16	0.13
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	16	0.13
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	16	0.13
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	16	0.13
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	16	0.13
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	16	0.13
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	16	0.13
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	16	0.13
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	16	0.13
(1,220)	1:A:18:ILE:HB	1:A:15:THR:HA	10	0.13
(1,220)	1:A:18:ILE:HB	1:B:15:THR:HA	10	0.13
(1,220)	1:A:18:ILE:HB	1:C:15:THR:HA	10	0.13
(1,220)	1:B:18:ILE:HB	1:A:15:THR:HA	10	0.13
(1,220)	1:B:18:ILE:HB	1:B:15:THR:HA	10	0.13
(1,220)	1:B:18:ILE:HB	1:C:15:THR:HA	10	0.13
(1,220)	1:C:18:ILE:HB	1:A:15:THR:HA	10	0.13
(1,220)	1:C:18:ILE:HB	1:B:15:THR:HA	10	0.13
(1,220)	1:C:18:ILE:HB	1:C:15:THR:HA	10	0.13
(1,220)	1:A:18:ILE:HB	1:A:15:THR:HA	20	0.13
(1,220)	1:A:18:ILE:HB	1:B:15:THR:HA	20	0.13
(1,220)	1:A:18:ILE:HB	1:C:15:THR:HA	20	0.13
(1,220)	1:B:18:ILE:HB	1:A:15:THR:HA	20	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,220)	1:B:18:ILE:HB	1:B:15:THR:HA	20	0.13
(1,220)	1:B:18:ILE:HB	1:C:15:THR:HA	20	0.13
(1,220)	1:C:18:ILE:HB	1:A:15:THR:HA	20	0.13
(1,220)	1:C:18:ILE:HB	1:B:15:THR:HA	20	0.13
(1,220)	1:C:18:ILE:HB	1:C:15:THR:HA	20	0.13
(1,217)	1:A:17:MET:HB2	1:A:14:TRP:HA	4	0.13
(1,217)	1:A:17:MET:HB2	1:B:14:TRP:HA	4	0.13
(1,217)	1:A:17:MET:HB2	1:C:14:TRP:HA	4	0.13
(1,217)	1:A:17:MET:HB3	1:A:14:TRP:HA	4	0.13
(1,217)	1:A:17:MET:HB3	1:B:14:TRP:HA	4	0.13
(1,217)	1:A:17:MET:HB3	1:C:14:TRP:HA	4	0.13
(1,217)	1:B:17:MET:HB2	1:A:14:TRP:HA	4	0.13
(1,217)	1:B:17:MET:HB2	1:B:14:TRP:HA	4	0.13
(1,217)	1:B:17:MET:HB2	1:C:14:TRP:HA	4	0.13
(1,217)	1:B:17:MET:HB3	1:A:14:TRP:HA	4	0.13
(1,217)	1:B:17:MET:HB3	1:B:14:TRP:HA	4	0.13
(1,217)	1:B:17:MET:HB3	1:C:14:TRP:HA	4	0.13
(1,217)	1:C:17:MET:HB2	1:A:14:TRP:HA	4	0.13
(1,217)	1:C:17:MET:HB2	1:B:14:TRP:HA	4	0.13
(1,217)	1:C:17:MET:HB2	1:C:14:TRP:HA	4	0.13
(1,217)	1:C:17:MET:HB3	1:A:14:TRP:HA	4	0.13
(1,217)	1:C:17:MET:HB3	1:B:14:TRP:HA	4	0.13
(1,217)	1:C:17:MET:HB3	1:C:14:TRP:HA	4	0.13
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	2	0.13
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	2	0.13
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	2	0.13
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	2	0.13
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	2	0.13
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	2	0.13
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	2	0.13
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	2	0.13
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	2	0.13
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	2	0.13
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	2	0.13
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	2	0.13
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	2	0.13
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	2	0.13
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	2	0.13
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	2	0.13
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	2	0.13
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	2	0.13
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	7	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	7	0.13
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	7	0.13
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	7	0.13
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	7	0.13
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	7	0.13
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	7	0.13
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	7	0.13
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	7	0.13
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	7	0.13
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	7	0.13
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	7	0.13
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	7	0.13
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	7	0.13
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	7	0.13
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	7	0.13
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	7	0.13
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	7	0.13
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	18	0.13
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	18	0.13
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	18	0.13
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	18	0.13
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	18	0.13
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	18	0.13
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	18	0.13
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	18	0.13
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	18	0.13
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	18	0.13
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	18	0.13
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	18	0.13
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	18	0.13
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	18	0.13
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	18	0.13
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	18	0.13
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	18	0.13
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	18	0.13
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	10	0.13
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	10	0.13
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	10	0.13
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	10	0.13
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	10	0.13
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	10	0.13
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	10	0.13
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	10	0.13
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	10	0.13
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	10	0.13
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	10	0.13
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	10	0.13
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	10	0.13
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	10	0.13
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	10	0.13
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	10	0.13
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	10	0.13
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	10	0.13
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	10	0.13
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	10	0.13
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	10	0.13
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	10	0.13
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	10	0.13
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	10	0.13
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	10	0.13
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	10	0.13
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	10	0.13
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	10	0.13
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	10	0.13
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	10	0.13
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	10	0.13
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	10	0.13
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	10	0.13
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	10	0.13
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	10	0.13
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	10	0.13
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	10	0.13
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	10	0.13
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	10	0.13
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	10	0.13
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	10	0.13
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	10	0.13
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	10	0.13
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	10	0.13
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	10	0.13
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	10	0.13
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	10	0.13
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	10	0.13
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	10	0.13
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	10	0.13
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	10	0.13
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	10	0.13
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	11	0.13
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	11	0.13
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	11	0.13
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	11	0.13
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	11	0.13
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	11	0.13
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	11	0.13
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	11	0.13
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	11	0.13
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	11	0.13
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	11	0.13
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	11	0.13
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	11	0.13
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	11	0.13
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	11	0.13
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	11	0.13
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	11	0.13
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	11	0.13
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	11	0.13
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	11	0.13
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	11	0.13
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	11	0.13
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	11	0.13
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	11	0.13
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	11	0.13
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	11	0.13
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	11	0.13
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	11	0.13
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	11	0.13
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	11	0.13
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	11	0.13
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	11	0.13
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	11	0.13
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	11	0.13
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	11	0.13
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	11	0.13
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	11	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	11	0.13
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	11	0.13
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	11	0.13
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	11	0.13
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	11	0.13
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	11	0.13
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	11	0.13
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	11	0.13
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	11	0.13
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	11	0.13
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	11	0.13
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	11	0.13
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	11	0.13
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	11	0.13
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	11	0.13
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	11	0.13
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	11	0.13
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	16	0.13
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	16	0.13
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	16	0.13
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	16	0.13
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	16	0.13
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	16	0.13
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	16	0.13
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	16	0.13
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	16	0.13
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	16	0.13
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	16	0.13
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	16	0.13
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	16	0.13
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	16	0.13
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	16	0.13
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	16	0.13
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	16	0.13
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	16	0.13
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	16	0.13
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	16	0.13
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	16	0.13
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	16	0.13
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	16	0.13
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	16	0.13
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	16	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	16	0.13
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	16	0.13
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	16	0.13
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	16	0.13
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	16	0.13
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	16	0.13
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	16	0.13
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	16	0.13
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	16	0.13
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	16	0.13
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	16	0.13
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	16	0.13
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	16	0.13
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	16	0.13
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	16	0.13
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	16	0.13
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	16	0.13
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	16	0.13
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	16	0.13
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	16	0.13
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	16	0.13
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	16	0.13
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	16	0.13
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	16	0.13
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	16	0.13
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	16	0.13
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	16	0.13
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	16	0.13
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	16	0.13
(1,201)	1:A:19:ASP:HB2	1:A:20:GLY:H	11	0.13
(1,201)	1:A:19:ASP:HB2	1:B:20:GLY:H	11	0.13
(1,201)	1:A:19:ASP:HB2	1:C:20:GLY:H	11	0.13
(1,201)	1:A:19:ASP:HB3	1:A:20:GLY:H	11	0.13
(1,201)	1:A:19:ASP:HB3	1:B:20:GLY:H	11	0.13
(1,201)	1:A:19:ASP:HB3	1:C:20:GLY:H	11	0.13
(1,201)	1:B:19:ASP:HB2	1:A:20:GLY:H	11	0.13
(1,201)	1:B:19:ASP:HB2	1:B:20:GLY:H	11	0.13
(1,201)	1:B:19:ASP:HB2	1:C:20:GLY:H	11	0.13
(1,201)	1:B:19:ASP:HB3	1:A:20:GLY:H	11	0.13
(1,201)	1:B:19:ASP:HB3	1:B:20:GLY:H	11	0.13
(1,201)	1:B:19:ASP:HB3	1:C:20:GLY:H	11	0.13
(1,201)	1:C:19:ASP:HB2	1:A:20:GLY:H	11	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,201)	1:C:19:ASP:HB2	1:B:20:GLY:H	11	0.13
(1,201)	1:C:19:ASP:HB2	1:C:20:GLY:H	11	0.13
(1,201)	1:C:19:ASP:HB3	1:A:20:GLY:H	11	0.13
(1,201)	1:C:19:ASP:HB3	1:B:20:GLY:H	11	0.13
(1,201)	1:C:19:ASP:HB3	1:C:20:GLY:H	11	0.13
(1,186)	1:A:14:TRP:HB2	1:A:15:THR:H	17	0.13
(1,186)	1:A:14:TRP:HB2	1:B:15:THR:H	17	0.13
(1,186)	1:A:14:TRP:HB2	1:C:15:THR:H	17	0.13
(1,186)	1:A:14:TRP:HB3	1:A:15:THR:H	17	0.13
(1,186)	1:A:14:TRP:HB3	1:B:15:THR:H	17	0.13
(1,186)	1:A:14:TRP:HB3	1:C:15:THR:H	17	0.13
(1,186)	1:B:14:TRP:HB2	1:A:15:THR:H	17	0.13
(1,186)	1:B:14:TRP:HB2	1:B:15:THR:H	17	0.13
(1,186)	1:B:14:TRP:HB2	1:C:15:THR:H	17	0.13
(1,186)	1:B:14:TRP:HB3	1:A:15:THR:H	17	0.13
(1,186)	1:B:14:TRP:HB3	1:B:15:THR:H	17	0.13
(1,186)	1:B:14:TRP:HB3	1:C:15:THR:H	17	0.13
(1,186)	1:C:14:TRP:HB2	1:A:15:THR:H	17	0.13
(1,186)	1:C:14:TRP:HB2	1:B:15:THR:H	17	0.13
(1,186)	1:C:14:TRP:HB2	1:C:15:THR:H	17	0.13
(1,186)	1:C:14:TRP:HB3	1:A:15:THR:H	17	0.13
(1,186)	1:C:14:TRP:HB3	1:B:15:THR:H	17	0.13
(1,186)	1:C:14:TRP:HB3	1:C:15:THR:H	17	0.13
(1,180)	1:A:10:ILE:HG21	1:A:11:GLU:H	5	0.13
(1,180)	1:A:10:ILE:HG21	1:B:11:GLU:H	5	0.13
(1,180)	1:A:10:ILE:HG21	1:C:11:GLU:H	5	0.13
(1,180)	1:A:10:ILE:HG22	1:A:11:GLU:H	5	0.13
(1,180)	1:A:10:ILE:HG22	1:B:11:GLU:H	5	0.13
(1,180)	1:A:10:ILE:HG22	1:C:11:GLU:H	5	0.13
(1,180)	1:A:10:ILE:HG23	1:A:11:GLU:H	5	0.13
(1,180)	1:A:10:ILE:HG23	1:B:11:GLU:H	5	0.13
(1,180)	1:A:10:ILE:HG23	1:C:11:GLU:H	5	0.13
(1,180)	1:B:10:ILE:HG21	1:A:11:GLU:H	5	0.13
(1,180)	1:B:10:ILE:HG21	1:B:11:GLU:H	5	0.13
(1,180)	1:B:10:ILE:HG21	1:C:11:GLU:H	5	0.13
(1,180)	1:B:10:ILE:HG22	1:A:11:GLU:H	5	0.13
(1,180)	1:B:10:ILE:HG22	1:B:11:GLU:H	5	0.13
(1,180)	1:B:10:ILE:HG22	1:C:11:GLU:H	5	0.13
(1,180)	1:B:10:ILE:HG23	1:A:11:GLU:H	5	0.13
(1,180)	1:B:10:ILE:HG23	1:B:11:GLU:H	5	0.13
(1,180)	1:B:10:ILE:HG23	1:C:11:GLU:H	5	0.13
(1,180)	1:C:10:ILE:HG21	1:A:11:GLU:H	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,180)	1:C:10:ILE:HG21	1:B:11:GLU:H	5	0.13
(1,180)	1:C:10:ILE:HG21	1:C:11:GLU:H	5	0.13
(1,180)	1:C:10:ILE:HG22	1:A:11:GLU:H	5	0.13
(1,180)	1:C:10:ILE:HG22	1:B:11:GLU:H	5	0.13
(1,180)	1:C:10:ILE:HG22	1:C:11:GLU:H	5	0.13
(1,180)	1:C:10:ILE:HG23	1:A:11:GLU:H	5	0.13
(1,180)	1:C:10:ILE:HG23	1:B:11:GLU:H	5	0.13
(1,180)	1:C:10:ILE:HG23	1:C:11:GLU:H	5	0.13
(1,180)	1:A:10:ILE:HG21	1:A:11:GLU:H	15	0.13
(1,180)	1:A:10:ILE:HG21	1:B:11:GLU:H	15	0.13
(1,180)	1:A:10:ILE:HG21	1:C:11:GLU:H	15	0.13
(1,180)	1:A:10:ILE:HG22	1:A:11:GLU:H	15	0.13
(1,180)	1:A:10:ILE:HG22	1:B:11:GLU:H	15	0.13
(1,180)	1:A:10:ILE:HG22	1:C:11:GLU:H	15	0.13
(1,180)	1:A:10:ILE:HG23	1:A:11:GLU:H	15	0.13
(1,180)	1:A:10:ILE:HG23	1:B:11:GLU:H	15	0.13
(1,180)	1:A:10:ILE:HG23	1:C:11:GLU:H	15	0.13
(1,180)	1:B:10:ILE:HG21	1:A:11:GLU:H	15	0.13
(1,180)	1:B:10:ILE:HG21	1:B:11:GLU:H	15	0.13
(1,180)	1:B:10:ILE:HG21	1:C:11:GLU:H	15	0.13
(1,180)	1:B:10:ILE:HG22	1:A:11:GLU:H	15	0.13
(1,180)	1:B:10:ILE:HG22	1:B:11:GLU:H	15	0.13
(1,180)	1:B:10:ILE:HG22	1:C:11:GLU:H	15	0.13
(1,180)	1:B:10:ILE:HG23	1:A:11:GLU:H	15	0.13
(1,180)	1:B:10:ILE:HG23	1:B:11:GLU:H	15	0.13
(1,180)	1:B:10:ILE:HG23	1:C:11:GLU:H	15	0.13
(1,180)	1:C:10:ILE:HG21	1:A:11:GLU:H	15	0.13
(1,180)	1:C:10:ILE:HG21	1:B:11:GLU:H	15	0.13
(1,180)	1:C:10:ILE:HG21	1:C:11:GLU:H	15	0.13
(1,180)	1:C:10:ILE:HG22	1:A:11:GLU:H	15	0.13
(1,180)	1:C:10:ILE:HG22	1:B:11:GLU:H	15	0.13
(1,180)	1:C:10:ILE:HG22	1:C:11:GLU:H	15	0.13
(1,180)	1:C:10:ILE:HG23	1:A:11:GLU:H	15	0.13
(1,180)	1:C:10:ILE:HG23	1:B:11:GLU:H	15	0.13
(1,180)	1:C:10:ILE:HG23	1:C:11:GLU:H	15	0.13
(1,164)	1:A:6:ILE:HD11	1:A:7:ALA:H	5	0.13
(1,164)	1:A:6:ILE:HD11	1:B:7:ALA:H	5	0.13
(1,164)	1:A:6:ILE:HD11	1:C:7:ALA:H	5	0.13
(1,164)	1:A:6:ILE:HD12	1:A:7:ALA:H	5	0.13
(1,164)	1:A:6:ILE:HD12	1:B:7:ALA:H	5	0.13
(1,164)	1:A:6:ILE:HD12	1:C:7:ALA:H	5	0.13
(1,164)	1:A:6:ILE:HD13	1:A:7:ALA:H	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,164)	1:A:6:ILE:HD13	1:B:7:ALA:H	5	0.13
(1,164)	1:A:6:ILE:HD13	1:C:7:ALA:H	5	0.13
(1,164)	1:B:6:ILE:HD11	1:A:7:ALA:H	5	0.13
(1,164)	1:B:6:ILE:HD11	1:B:7:ALA:H	5	0.13
(1,164)	1:B:6:ILE:HD11	1:C:7:ALA:H	5	0.13
(1,164)	1:B:6:ILE:HD12	1:A:7:ALA:H	5	0.13
(1,164)	1:B:6:ILE:HD12	1:B:7:ALA:H	5	0.13
(1,164)	1:B:6:ILE:HD12	1:C:7:ALA:H	5	0.13
(1,164)	1:B:6:ILE:HD13	1:A:7:ALA:H	5	0.13
(1,164)	1:B:6:ILE:HD13	1:B:7:ALA:H	5	0.13
(1,164)	1:B:6:ILE:HD13	1:C:7:ALA:H	5	0.13
(1,164)	1:C:6:ILE:HD11	1:A:7:ALA:H	5	0.13
(1,164)	1:C:6:ILE:HD11	1:B:7:ALA:H	5	0.13
(1,164)	1:C:6:ILE:HD11	1:C:7:ALA:H	5	0.13
(1,164)	1:C:6:ILE:HD12	1:A:7:ALA:H	5	0.13
(1,164)	1:C:6:ILE:HD12	1:B:7:ALA:H	5	0.13
(1,164)	1:C:6:ILE:HD12	1:C:7:ALA:H	5	0.13
(1,164)	1:C:6:ILE:HD13	1:A:7:ALA:H	5	0.13
(1,164)	1:C:6:ILE:HD13	1:B:7:ALA:H	5	0.13
(1,164)	1:C:6:ILE:HD13	1:C:7:ALA:H	5	0.13
(1,164)	1:A:6:ILE:HD11	1:A:7:ALA:H	6	0.13
(1,164)	1:A:6:ILE:HD11	1:B:7:ALA:H	6	0.13
(1,164)	1:A:6:ILE:HD11	1:C:7:ALA:H	6	0.13
(1,164)	1:A:6:ILE:HD12	1:A:7:ALA:H	6	0.13
(1,164)	1:A:6:ILE:HD12	1:B:7:ALA:H	6	0.13
(1,164)	1:A:6:ILE:HD12	1:C:7:ALA:H	6	0.13
(1,164)	1:A:6:ILE:HD13	1:A:7:ALA:H	6	0.13
(1,164)	1:A:6:ILE:HD13	1:B:7:ALA:H	6	0.13
(1,164)	1:A:6:ILE:HD13	1:C:7:ALA:H	6	0.13
(1,164)	1:B:6:ILE:HD11	1:A:7:ALA:H	6	0.13
(1,164)	1:B:6:ILE:HD11	1:B:7:ALA:H	6	0.13
(1,164)	1:B:6:ILE:HD11	1:C:7:ALA:H	6	0.13
(1,164)	1:B:6:ILE:HD12	1:A:7:ALA:H	6	0.13
(1,164)	1:B:6:ILE:HD12	1:B:7:ALA:H	6	0.13
(1,164)	1:B:6:ILE:HD12	1:C:7:ALA:H	6	0.13
(1,164)	1:B:6:ILE:HD13	1:A:7:ALA:H	6	0.13
(1,164)	1:B:6:ILE:HD13	1:B:7:ALA:H	6	0.13
(1,164)	1:B:6:ILE:HD13	1:C:7:ALA:H	6	0.13
(1,164)	1:C:6:ILE:HD11	1:A:7:ALA:H	6	0.13
(1,164)	1:C:6:ILE:HD11	1:B:7:ALA:H	6	0.13
(1,164)	1:C:6:ILE:HD11	1:C:7:ALA:H	6	0.13
(1,164)	1:C:6:ILE:HD12	1:A:7:ALA:H	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,164)	1:C:6:ILE:HD12	1:B:7:ALA:H	6	0.13
(1,164)	1:C:6:ILE:HD12	1:C:7:ALA:H	6	0.13
(1,164)	1:C:6:ILE:HD13	1:A:7:ALA:H	6	0.13
(1,164)	1:C:6:ILE:HD13	1:B:7:ALA:H	6	0.13
(1,164)	1:C:6:ILE:HD13	1:C:7:ALA:H	6	0.13
(1,164)	1:A:6:ILE:HD11	1:A:7:ALA:H	7	0.13
(1,164)	1:A:6:ILE:HD11	1:B:7:ALA:H	7	0.13
(1,164)	1:A:6:ILE:HD11	1:C:7:ALA:H	7	0.13
(1,164)	1:A:6:ILE:HD12	1:A:7:ALA:H	7	0.13
(1,164)	1:A:6:ILE:HD12	1:B:7:ALA:H	7	0.13
(1,164)	1:A:6:ILE:HD12	1:C:7:ALA:H	7	0.13
(1,164)	1:A:6:ILE:HD13	1:A:7:ALA:H	7	0.13
(1,164)	1:A:6:ILE:HD13	1:B:7:ALA:H	7	0.13
(1,164)	1:A:6:ILE:HD13	1:C:7:ALA:H	7	0.13
(1,164)	1:B:6:ILE:HD11	1:A:7:ALA:H	7	0.13
(1,164)	1:B:6:ILE:HD11	1:B:7:ALA:H	7	0.13
(1,164)	1:B:6:ILE:HD11	1:C:7:ALA:H	7	0.13
(1,164)	1:B:6:ILE:HD12	1:A:7:ALA:H	7	0.13
(1,164)	1:B:6:ILE:HD12	1:B:7:ALA:H	7	0.13
(1,164)	1:B:6:ILE:HD12	1:C:7:ALA:H	7	0.13
(1,164)	1:B:6:ILE:HD13	1:A:7:ALA:H	7	0.13
(1,164)	1:B:6:ILE:HD13	1:B:7:ALA:H	7	0.13
(1,164)	1:B:6:ILE:HD13	1:C:7:ALA:H	7	0.13
(1,164)	1:C:6:ILE:HD11	1:A:7:ALA:H	7	0.13
(1,164)	1:C:6:ILE:HD11	1:B:7:ALA:H	7	0.13
(1,164)	1:C:6:ILE:HD11	1:C:7:ALA:H	7	0.13
(1,164)	1:C:6:ILE:HD12	1:A:7:ALA:H	7	0.13
(1,164)	1:C:6:ILE:HD12	1:B:7:ALA:H	7	0.13
(1,164)	1:C:6:ILE:HD12	1:C:7:ALA:H	7	0.13
(1,164)	1:C:6:ILE:HD13	1:A:7:ALA:H	7	0.13
(1,164)	1:C:6:ILE:HD13	1:B:7:ALA:H	7	0.13
(1,164)	1:C:6:ILE:HD13	1:C:7:ALA:H	7	0.13
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	15	0.13
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	15	0.13
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	15	0.13
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	15	0.13
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	15	0.13
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	15	0.13
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	15	0.13
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	15	0.13
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	15	0.13
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	15	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	15	0.13
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	15	0.13
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	15	0.13
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	15	0.13
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	15	0.13
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	15	0.13
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	15	0.13
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	15	0.13
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	15	0.13
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	15	0.13
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	15	0.13
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	15	0.13
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	15	0.13
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	15	0.13
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	15	0.13
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	15	0.13
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	15	0.13
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	1	0.13
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	1	0.13
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	1	0.13
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	1	0.13
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	1	0.13
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	1	0.13
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	1	0.13
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	1	0.13
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	1	0.13
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	10	0.13
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	10	0.13
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	10	0.13
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	10	0.13
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	10	0.13
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	10	0.13
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	10	0.13
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	10	0.13
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	10	0.13
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	11	0.13
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	11	0.13
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	11	0.13
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	11	0.13
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	11	0.13
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	11	0.13
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	11	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	11	0.13
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	11	0.13
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	13	0.13
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	13	0.13
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	13	0.13
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	13	0.13
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	13	0.13
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	13	0.13
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	13	0.13
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	13	0.13
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	13	0.13
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	9	0.13
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	9	0.13
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	9	0.13
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	9	0.13
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	9	0.13
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	9	0.13
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	9	0.13
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	9	0.13
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	9	0.13
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	11	0.13
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	11	0.13
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	11	0.13
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	11	0.13
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	11	0.13
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	11	0.13
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	11	0.13
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	11	0.13
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	11	0.13
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	14	0.13
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	14	0.13
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	14	0.13
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	14	0.13
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	14	0.13
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	14	0.13
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	14	0.13
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	14	0.13
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	14	0.13
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	16	0.13
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	16	0.13
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	16	0.13
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	16	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	16	0.13
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	16	0.13
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	16	0.13
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	16	0.13
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	16	0.13
(1,117)	1:A:4:GLY:H	1:A:5:ALA:H	4	0.13
(1,117)	1:A:4:GLY:H	1:B:5:ALA:H	4	0.13
(1,117)	1:A:4:GLY:H	1:C:5:ALA:H	4	0.13
(1,117)	1:B:4:GLY:H	1:A:5:ALA:H	4	0.13
(1,117)	1:B:4:GLY:H	1:B:5:ALA:H	4	0.13
(1,117)	1:B:4:GLY:H	1:C:5:ALA:H	4	0.13
(1,117)	1:C:4:GLY:H	1:A:5:ALA:H	4	0.13
(1,117)	1:C:4:GLY:H	1:B:5:ALA:H	4	0.13
(1,117)	1:C:4:GLY:H	1:C:5:ALA:H	4	0.13
(1,117)	1:A:4:GLY:H	1:A:5:ALA:H	7	0.13
(1,117)	1:A:4:GLY:H	1:B:5:ALA:H	7	0.13
(1,117)	1:A:4:GLY:H	1:C:5:ALA:H	7	0.13
(1,117)	1:B:4:GLY:H	1:A:5:ALA:H	7	0.13
(1,117)	1:B:4:GLY:H	1:B:5:ALA:H	7	0.13
(1,117)	1:B:4:GLY:H	1:C:5:ALA:H	7	0.13
(1,117)	1:C:4:GLY:H	1:A:5:ALA:H	7	0.13
(1,117)	1:C:4:GLY:H	1:B:5:ALA:H	7	0.13
(1,117)	1:C:4:GLY:H	1:C:5:ALA:H	7	0.13
(1,115)	1:A:4:GLY:H	1:A:3:PHE:H	5	0.13
(1,115)	1:A:4:GLY:H	1:B:3:PHE:H	5	0.13
(1,115)	1:A:4:GLY:H	1:C:3:PHE:H	5	0.13
(1,115)	1:B:4:GLY:H	1:A:3:PHE:H	5	0.13
(1,115)	1:B:4:GLY:H	1:B:3:PHE:H	5	0.13
(1,115)	1:B:4:GLY:H	1:C:3:PHE:H	5	0.13
(1,115)	1:C:4:GLY:H	1:A:3:PHE:H	5	0.13
(1,115)	1:C:4:GLY:H	1:B:3:PHE:H	5	0.13
(1,115)	1:C:4:GLY:H	1:C:3:PHE:H	5	0.13
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	1	0.13
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	1	0.13
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	1	0.13
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	1	0.13
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	1	0.13
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	1	0.13
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	1	0.13
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	1	0.13
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	1	0.13
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	13	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	13	0.13
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	13	0.13
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	13	0.13
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	13	0.13
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	13	0.13
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	13	0.13
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	13	0.13
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	13	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	1	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	1	0.13
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	1	0.13
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	1	0.13
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	1	0.13
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	1	0.13
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	1	0.13
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	1	0.13
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	1	0.13
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	1	0.13
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	1	0.13
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	1	0.13
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	1	0.13
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	1	0.13
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	1	0.13
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	1	0.13
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	1	0.13
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	1	0.13
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	1	0.13
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	1	0.13
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	1	0.13
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	1	0.13
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	1	0.13
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	1	0.13
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	1	0.13
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	1	0.13
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	1	0.13
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	1	0.13
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	1	0.13
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	1	0.13
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	1	0.13
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	1	0.13
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	1	0.13
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	1	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	1	0.13
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	1	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	4	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	4	0.13
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	4	0.13
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	4	0.13
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	4	0.13
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	4	0.13
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	4	0.13
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	4	0.13
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	4	0.13
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	4	0.13
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	4	0.13
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	4	0.13
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	4	0.13
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	4	0.13
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	4	0.13
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	4	0.13
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	4	0.13
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	4	0.13
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	4	0.13
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	4	0.13
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	4	0.13
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	4	0.13
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	4	0.13
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	4	0.13
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	4	0.13
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	4	0.13
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	4	0.13
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	4	0.13
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	4	0.13
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	4	0.13
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	4	0.13
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	4	0.13
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	4	0.13
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	4	0.13
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	4	0.13
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	4	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	9	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	9	0.13
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	9	0.13
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	9	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	9	0.13
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	9	0.13
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	9	0.13
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	9	0.13
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	9	0.13
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	9	0.13
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	9	0.13
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	9	0.13
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	9	0.13
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	9	0.13
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	9	0.13
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	9	0.13
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	9	0.13
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	9	0.13
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	9	0.13
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	9	0.13
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	9	0.13
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	9	0.13
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	9	0.13
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	9	0.13
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	9	0.13
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	9	0.13
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	9	0.13
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	9	0.13
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	9	0.13
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	9	0.13
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	9	0.13
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	9	0.13
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	9	0.13
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	9	0.13
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	9	0.13
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	9	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	10	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	10	0.13
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	10	0.13
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	10	0.13
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	10	0.13
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	10	0.13
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	10	0.13
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	10	0.13
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	10	0.13
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	10	0.13
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	10	0.13
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	10	0.13
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	10	0.13
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	10	0.13
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	10	0.13
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	10	0.13
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	10	0.13
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	10	0.13
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	10	0.13
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	10	0.13
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	10	0.13
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	10	0.13
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	10	0.13
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	10	0.13
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	10	0.13
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	10	0.13
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	10	0.13
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	10	0.13
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	10	0.13
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	10	0.13
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	10	0.13
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	10	0.13
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	10	0.13
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	10	0.13
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	10	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	14	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	14	0.13
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	14	0.13
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	14	0.13
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	14	0.13
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	14	0.13
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	14	0.13
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	14	0.13
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	14	0.13
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	14	0.13
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	14	0.13
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	14	0.13
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	14	0.13
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	14	0.13
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	14	0.13
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	14	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	14	0.13
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	14	0.13
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	14	0.13
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	14	0.13
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	14	0.13
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	14	0.13
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	14	0.13
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	14	0.13
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	14	0.13
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	14	0.13
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	14	0.13
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	14	0.13
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	14	0.13
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	14	0.13
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	14	0.13
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	14	0.13
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	14	0.13
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	14	0.13
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	14	0.13
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	14	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	16	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	16	0.13
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	16	0.13
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	16	0.13
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	16	0.13
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	16	0.13
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	16	0.13
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	16	0.13
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	16	0.13
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	16	0.13
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	16	0.13
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	16	0.13
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	16	0.13
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	16	0.13
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	16	0.13
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	16	0.13
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	16	0.13
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	16	0.13
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	16	0.13
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	16	0.13
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	16	0.13
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	16	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	16	0.13
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	16	0.13
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	16	0.13
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	16	0.13
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	16	0.13
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	16	0.13
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	16	0.13
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	16	0.13
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	16	0.13
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	16	0.13
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	16	0.13
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	16	0.13
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	16	0.13
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	16	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	17	0.13
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	17	0.13
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	17	0.13
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	17	0.13
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	17	0.13
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	17	0.13
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	17	0.13
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	17	0.13
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	17	0.13
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	17	0.13
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	17	0.13
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	17	0.13
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	17	0.13
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	17	0.13
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	17	0.13
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	17	0.13
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	17	0.13
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	17	0.13
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	17	0.13
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	17	0.13
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	17	0.13
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	17	0.13
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	17	0.13
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	17	0.13
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	17	0.13
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	17	0.13
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	17	0.13
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	17	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	17	0.13
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	17	0.13
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	17	0.13
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	17	0.13
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	17	0.13
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	17	0.13
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	17	0.13
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	17	0.13
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE1	17	0.13
(1,102)	1:A:21:TRP:HD1	1:A:22:TYR:HE2	17	0.13
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE1	17	0.13
(1,102)	1:A:21:TRP:HD1	1:B:22:TYR:HE2	17	0.13
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE1	17	0.13
(1,102)	1:A:21:TRP:HD1	1:C:22:TYR:HE2	17	0.13
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE1	17	0.13
(1,102)	1:B:21:TRP:HD1	1:A:22:TYR:HE2	17	0.13
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE1	17	0.13
(1,102)	1:B:21:TRP:HD1	1:B:22:TYR:HE2	17	0.13
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE1	17	0.13
(1,102)	1:B:21:TRP:HD1	1:C:22:TYR:HE2	17	0.13
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE1	17	0.13
(1,102)	1:C:21:TRP:HD1	1:A:22:TYR:HE2	17	0.13
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE1	17	0.13
(1,102)	1:C:21:TRP:HD1	1:B:22:TYR:HE2	17	0.13
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE1	17	0.13
(1,102)	1:C:21:TRP:HD1	1:C:22:TYR:HE2	17	0.13
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG21	5	0.12
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG22	5	0.12
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG23	5	0.12
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG21	5	0.12
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG22	5	0.12
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG23	5	0.12
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG21	5	0.12
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG22	5	0.12
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG23	5	0.12
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG21	5	0.12
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG22	5	0.12
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG23	5	0.12
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG21	5	0.12
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG22	5	0.12
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG23	5	0.12
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG21	5	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG22	5	0.12
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG23	5	0.12
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG21	5	0.12
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG22	5	0.12
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG23	5	0.12
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG21	5	0.12
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG22	5	0.12
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG23	5	0.12
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG21	5	0.12
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG22	5	0.12
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG23	5	0.12
(1,92)	1:A:14:TRP:HD1	1:A:15:THR:HB	13	0.12
(1,92)	1:A:14:TRP:HD1	1:B:15:THR:HB	13	0.12
(1,92)	1:A:14:TRP:HD1	1:C:15:THR:HB	13	0.12
(1,92)	1:B:14:TRP:HD1	1:A:15:THR:HB	13	0.12
(1,92)	1:B:14:TRP:HD1	1:B:15:THR:HB	13	0.12
(1,92)	1:B:14:TRP:HD1	1:C:15:THR:HB	13	0.12
(1,92)	1:C:14:TRP:HD1	1:A:15:THR:HB	13	0.12
(1,92)	1:C:14:TRP:HD1	1:B:15:THR:HB	13	0.12
(1,92)	1:C:14:TRP:HD1	1:C:15:THR:HB	13	0.12
(1,83)	1:A:3:PHE:HD1	1:A:2:LEU:HG	16	0.12
(1,83)	1:A:3:PHE:HD1	1:B:2:LEU:HG	16	0.12
(1,83)	1:A:3:PHE:HD1	1:C:2:LEU:HG	16	0.12
(1,83)	1:A:3:PHE:HD2	1:A:2:LEU:HG	16	0.12
(1,83)	1:A:3:PHE:HD2	1:B:2:LEU:HG	16	0.12
(1,83)	1:A:3:PHE:HD2	1:C:2:LEU:HG	16	0.12
(1,83)	1:A:3:PHE:HE1	1:A:2:LEU:HG	16	0.12
(1,83)	1:A:3:PHE:HE1	1:B:2:LEU:HG	16	0.12
(1,83)	1:A:3:PHE:HE1	1:C:2:LEU:HG	16	0.12
(1,83)	1:A:3:PHE:HE2	1:A:2:LEU:HG	16	0.12
(1,83)	1:A:3:PHE:HE2	1:B:2:LEU:HG	16	0.12
(1,83)	1:A:3:PHE:HE2	1:C:2:LEU:HG	16	0.12
(1,83)	1:A:3:PHE:HZ	1:A:2:LEU:HG	16	0.12
(1,83)	1:A:3:PHE:HZ	1:B:2:LEU:HG	16	0.12
(1,83)	1:A:3:PHE:HZ	1:C:2:LEU:HG	16	0.12
(1,83)	1:B:3:PHE:HD1	1:A:2:LEU:HG	16	0.12
(1,83)	1:B:3:PHE:HD1	1:B:2:LEU:HG	16	0.12
(1,83)	1:B:3:PHE:HD1	1:C:2:LEU:HG	16	0.12
(1,83)	1:B:3:PHE:HD2	1:A:2:LEU:HG	16	0.12
(1,83)	1:B:3:PHE:HD2	1:B:2:LEU:HG	16	0.12
(1,83)	1:B:3:PHE:HD2	1:C:2:LEU:HG	16	0.12
(1,83)	1:B:3:PHE:HE1	1:A:2:LEU:HG	16	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,83)	1:B:3:PHE:HE1	1:B:2:LEU:HG	16	0.12
(1,83)	1:B:3:PHE:HE1	1:C:2:LEU:HG	16	0.12
(1,83)	1:B:3:PHE:HE2	1:A:2:LEU:HG	16	0.12
(1,83)	1:B:3:PHE:HE2	1:B:2:LEU:HG	16	0.12
(1,83)	1:B:3:PHE:HE2	1:C:2:LEU:HG	16	0.12
(1,83)	1:B:3:PHE:HZ	1:A:2:LEU:HG	16	0.12
(1,83)	1:B:3:PHE:HZ	1:B:2:LEU:HG	16	0.12
(1,83)	1:B:3:PHE:HZ	1:C:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HD1	1:A:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HD1	1:B:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HD1	1:C:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HD2	1:A:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HD2	1:B:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HD2	1:C:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HE1	1:A:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HE1	1:B:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HE1	1:C:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HE2	1:A:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HE2	1:B:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HE2	1:C:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HZ	1:A:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HZ	1:B:2:LEU:HG	16	0.12
(1,83)	1:C:3:PHE:HZ	1:C:2:LEU:HG	16	0.12
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	6	0.12
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	6	0.12
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	6	0.12
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	6	0.12
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	6	0.12
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	6	0.12
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	6	0.12
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	6	0.12
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	6	0.12
(1,62)	1:A:18:ILE:HD11	1:A:18:ILE:HB	12	0.12
(1,62)	1:A:18:ILE:HD11	1:B:18:ILE:HB	12	0.12
(1,62)	1:A:18:ILE:HD11	1:C:18:ILE:HB	12	0.12
(1,62)	1:A:18:ILE:HD12	1:A:18:ILE:HB	12	0.12
(1,62)	1:A:18:ILE:HD12	1:B:18:ILE:HB	12	0.12
(1,62)	1:A:18:ILE:HD12	1:C:18:ILE:HB	12	0.12
(1,62)	1:A:18:ILE:HD13	1:A:18:ILE:HB	12	0.12
(1,62)	1:A:18:ILE:HD13	1:B:18:ILE:HB	12	0.12
(1,62)	1:A:18:ILE:HD13	1:C:18:ILE:HB	12	0.12
(1,62)	1:B:18:ILE:HD11	1:A:18:ILE:HB	12	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,62)	1:B:18:ILE:HD11	1:B:18:ILE:HB	12	0.12
(1,62)	1:B:18:ILE:HD11	1:C:18:ILE:HB	12	0.12
(1,62)	1:B:18:ILE:HD12	1:A:18:ILE:HB	12	0.12
(1,62)	1:B:18:ILE:HD12	1:B:18:ILE:HB	12	0.12
(1,62)	1:B:18:ILE:HD12	1:C:18:ILE:HB	12	0.12
(1,62)	1:B:18:ILE:HD13	1:A:18:ILE:HB	12	0.12
(1,62)	1:B:18:ILE:HD13	1:B:18:ILE:HB	12	0.12
(1,62)	1:B:18:ILE:HD13	1:C:18:ILE:HB	12	0.12
(1,62)	1:C:18:ILE:HD11	1:A:18:ILE:HB	12	0.12
(1,62)	1:C:18:ILE:HD11	1:B:18:ILE:HB	12	0.12
(1,62)	1:C:18:ILE:HD11	1:C:18:ILE:HB	12	0.12
(1,62)	1:C:18:ILE:HD12	1:A:18:ILE:HB	12	0.12
(1,62)	1:C:18:ILE:HD12	1:B:18:ILE:HB	12	0.12
(1,62)	1:C:18:ILE:HD12	1:C:18:ILE:HB	12	0.12
(1,62)	1:C:18:ILE:HD13	1:A:18:ILE:HB	12	0.12
(1,62)	1:C:18:ILE:HD13	1:B:18:ILE:HB	12	0.12
(1,62)	1:C:18:ILE:HD13	1:C:18:ILE:HB	12	0.12
(1,62)	1:A:18:ILE:HD11	1:A:18:ILE:HB	13	0.12
(1,62)	1:A:18:ILE:HD11	1:B:18:ILE:HB	13	0.12
(1,62)	1:A:18:ILE:HD11	1:C:18:ILE:HB	13	0.12
(1,62)	1:A:18:ILE:HD12	1:A:18:ILE:HB	13	0.12
(1,62)	1:A:18:ILE:HD12	1:B:18:ILE:HB	13	0.12
(1,62)	1:A:18:ILE:HD12	1:C:18:ILE:HB	13	0.12
(1,62)	1:A:18:ILE:HD13	1:A:18:ILE:HB	13	0.12
(1,62)	1:A:18:ILE:HD13	1:B:18:ILE:HB	13	0.12
(1,62)	1:A:18:ILE:HD13	1:C:18:ILE:HB	13	0.12
(1,62)	1:B:18:ILE:HD11	1:A:18:ILE:HB	13	0.12
(1,62)	1:B:18:ILE:HD11	1:B:18:ILE:HB	13	0.12
(1,62)	1:B:18:ILE:HD11	1:C:18:ILE:HB	13	0.12
(1,62)	1:B:18:ILE:HD12	1:A:18:ILE:HB	13	0.12
(1,62)	1:B:18:ILE:HD12	1:B:18:ILE:HB	13	0.12
(1,62)	1:B:18:ILE:HD12	1:C:18:ILE:HB	13	0.12
(1,62)	1:B:18:ILE:HD13	1:A:18:ILE:HB	13	0.12
(1,62)	1:B:18:ILE:HD13	1:B:18:ILE:HB	13	0.12
(1,62)	1:B:18:ILE:HD13	1:C:18:ILE:HB	13	0.12
(1,62)	1:C:18:ILE:HD11	1:A:18:ILE:HB	13	0.12
(1,62)	1:C:18:ILE:HD11	1:B:18:ILE:HB	13	0.12
(1,62)	1:C:18:ILE:HD11	1:C:18:ILE:HB	13	0.12
(1,62)	1:C:18:ILE:HD12	1:A:18:ILE:HB	13	0.12
(1,62)	1:C:18:ILE:HD12	1:B:18:ILE:HB	13	0.12
(1,62)	1:C:18:ILE:HD12	1:C:18:ILE:HB	13	0.12
(1,62)	1:C:18:ILE:HD13	1:A:18:ILE:HB	13	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,62)	1:C:18:ILE:HD13	1:B:18:ILE:HB	13	0.12
(1,62)	1:C:18:ILE:HD13	1:C:18:ILE:HB	13	0.12
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB2	3	0.12
(1,60)	1:A:17:MET:HE1	1:A:17:MET:HB3	3	0.12
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB2	3	0.12
(1,60)	1:A:17:MET:HE1	1:B:17:MET:HB3	3	0.12
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB2	3	0.12
(1,60)	1:A:17:MET:HE1	1:C:17:MET:HB3	3	0.12
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB2	3	0.12
(1,60)	1:A:17:MET:HE2	1:A:17:MET:HB3	3	0.12
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB2	3	0.12
(1,60)	1:A:17:MET:HE2	1:B:17:MET:HB3	3	0.12
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB2	3	0.12
(1,60)	1:A:17:MET:HE2	1:C:17:MET:HB3	3	0.12
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB2	3	0.12
(1,60)	1:A:17:MET:HE3	1:A:17:MET:HB3	3	0.12
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB2	3	0.12
(1,60)	1:A:17:MET:HE3	1:B:17:MET:HB3	3	0.12
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB2	3	0.12
(1,60)	1:A:17:MET:HE3	1:C:17:MET:HB3	3	0.12
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB2	3	0.12
(1,60)	1:B:17:MET:HE1	1:A:17:MET:HB3	3	0.12
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB2	3	0.12
(1,60)	1:B:17:MET:HE1	1:B:17:MET:HB3	3	0.12
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB2	3	0.12
(1,60)	1:B:17:MET:HE1	1:C:17:MET:HB3	3	0.12
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB2	3	0.12
(1,60)	1:B:17:MET:HE2	1:A:17:MET:HB3	3	0.12
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB2	3	0.12
(1,60)	1:B:17:MET:HE2	1:B:17:MET:HB3	3	0.12
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB2	3	0.12
(1,60)	1:B:17:MET:HE2	1:C:17:MET:HB3	3	0.12
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB2	3	0.12
(1,60)	1:B:17:MET:HE3	1:A:17:MET:HB3	3	0.12
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB2	3	0.12
(1,60)	1:B:17:MET:HE3	1:B:17:MET:HB3	3	0.12
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB2	3	0.12
(1,60)	1:B:17:MET:HE3	1:C:17:MET:HB3	3	0.12
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB2	3	0.12
(1,60)	1:C:17:MET:HE1	1:A:17:MET:HB3	3	0.12
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB2	3	0.12
(1,60)	1:C:17:MET:HE1	1:B:17:MET:HB3	3	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB2	3	0.12
(1,60)	1:C:17:MET:HE1	1:C:17:MET:HB3	3	0.12
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB2	3	0.12
(1,60)	1:C:17:MET:HE2	1:A:17:MET:HB3	3	0.12
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB2	3	0.12
(1,60)	1:C:17:MET:HE2	1:B:17:MET:HB3	3	0.12
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB2	3	0.12
(1,60)	1:C:17:MET:HE2	1:C:17:MET:HB3	3	0.12
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB2	3	0.12
(1,60)	1:C:17:MET:HE3	1:A:17:MET:HB3	3	0.12
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB2	3	0.12
(1,60)	1:C:17:MET:HE3	1:B:17:MET:HB3	3	0.12
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB2	3	0.12
(1,60)	1:C:17:MET:HE3	1:C:17:MET:HB3	3	0.12
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG2	17	0.12
(1,57)	1:A:11:GLU:HB2	1:A:11:GLU:HG3	17	0.12
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG2	17	0.12
(1,57)	1:A:11:GLU:HB2	1:B:11:GLU:HG3	17	0.12
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG2	17	0.12
(1,57)	1:A:11:GLU:HB2	1:C:11:GLU:HG3	17	0.12
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG2	17	0.12
(1,57)	1:A:11:GLU:HB3	1:A:11:GLU:HG3	17	0.12
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG2	17	0.12
(1,57)	1:A:11:GLU:HB3	1:B:11:GLU:HG3	17	0.12
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG2	17	0.12
(1,57)	1:A:11:GLU:HB3	1:C:11:GLU:HG3	17	0.12
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG2	17	0.12
(1,57)	1:B:11:GLU:HB2	1:A:11:GLU:HG3	17	0.12
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG2	17	0.12
(1,57)	1:B:11:GLU:HB2	1:B:11:GLU:HG3	17	0.12
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG2	17	0.12
(1,57)	1:B:11:GLU:HB2	1:C:11:GLU:HG3	17	0.12
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG2	17	0.12
(1,57)	1:B:11:GLU:HB3	1:A:11:GLU:HG3	17	0.12
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG2	17	0.12
(1,57)	1:B:11:GLU:HB3	1:B:11:GLU:HG3	17	0.12
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG2	17	0.12
(1,57)	1:B:11:GLU:HB3	1:C:11:GLU:HG3	17	0.12
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG2	17	0.12
(1,57)	1:C:11:GLU:HB2	1:A:11:GLU:HG3	17	0.12
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG2	17	0.12
(1,57)	1:C:11:GLU:HB2	1:B:11:GLU:HG3	17	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG2	17	0.12
(1,57)	1:C:11:GLU:HB2	1:C:11:GLU:HG3	17	0.12
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG2	17	0.12
(1,57)	1:C:11:GLU:HB3	1:A:11:GLU:HG3	17	0.12
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG2	17	0.12
(1,57)	1:C:11:GLU:HB3	1:B:11:GLU:HG3	17	0.12
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG2	17	0.12
(1,57)	1:C:11:GLU:HB3	1:C:11:GLU:HG3	17	0.12
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB2	3	0.12
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB3	3	0.12
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB2	3	0.12
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB3	3	0.12
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB2	3	0.12
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB3	3	0.12
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB2	3	0.12
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB3	3	0.12
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB2	3	0.12
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB3	3	0.12
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB2	3	0.12
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB3	3	0.12
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB2	3	0.12
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB3	3	0.12
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB2	3	0.12
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB3	3	0.12
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB2	3	0.12
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB3	3	0.12
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB2	3	0.12
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB3	3	0.12
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB2	3	0.12
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB3	3	0.12
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB2	3	0.12
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB3	3	0.12
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB2	3	0.12
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB3	3	0.12
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB2	3	0.12
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB3	3	0.12
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB2	3	0.12
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB3	3	0.12
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB2	3	0.12
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB3	3	0.12
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB2	3	0.12
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB3	3	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB2	3	0.12
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB3	3	0.12
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB2	3	0.12
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB3	3	0.12
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB2	3	0.12
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB3	3	0.12
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB2	3	0.12
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB3	3	0.12
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB2	3	0.12
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB3	3	0.12
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB2	3	0.12
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB3	3	0.12
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB2	3	0.12
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB3	3	0.12
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB2	3	0.12
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB3	3	0.12
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB2	3	0.12
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB3	3	0.12
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB2	3	0.12
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB3	3	0.12
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB2	4	0.12
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB3	4	0.12
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB2	4	0.12
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB3	4	0.12
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB2	4	0.12
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB3	4	0.12
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB2	4	0.12
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB3	4	0.12
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB2	4	0.12
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB3	4	0.12
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB2	4	0.12
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB3	4	0.12
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB2	4	0.12
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB3	4	0.12
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB2	4	0.12
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB3	4	0.12
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB2	4	0.12
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB3	4	0.12
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB2	4	0.12
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB3	4	0.12
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB2	4	0.12
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB3	4	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB2	4	0.12
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB3	4	0.12
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB2	4	0.12
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB3	4	0.12
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB2	4	0.12
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB3	4	0.12
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB2	4	0.12
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB3	4	0.12
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB2	4	0.12
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB3	4	0.12
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB2	4	0.12
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB3	4	0.12
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB2	4	0.12
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB3	4	0.12
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB2	4	0.12
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB3	4	0.12
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB2	4	0.12
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB3	4	0.12
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB2	4	0.12
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB3	4	0.12
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB2	4	0.12
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB3	4	0.12
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB2	4	0.12
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB3	4	0.12
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB2	4	0.12
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB3	4	0.12
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB2	4	0.12
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB3	4	0.12
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB2	4	0.12
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB3	4	0.12
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB2	4	0.12
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB3	4	0.12
(1,33)	1:A:17:MET:HE1	1:A:18:ILE:HA	13	0.12
(1,33)	1:A:17:MET:HE1	1:B:18:ILE:HA	13	0.12
(1,33)	1:A:17:MET:HE1	1:C:18:ILE:HA	13	0.12
(1,33)	1:A:17:MET:HE2	1:A:18:ILE:HA	13	0.12
(1,33)	1:A:17:MET:HE2	1:B:18:ILE:HA	13	0.12
(1,33)	1:A:17:MET:HE2	1:C:18:ILE:HA	13	0.12
(1,33)	1:A:17:MET:HE3	1:A:18:ILE:HA	13	0.12
(1,33)	1:A:17:MET:HE3	1:B:18:ILE:HA	13	0.12
(1,33)	1:A:17:MET:HE3	1:C:18:ILE:HA	13	0.12
(1,33)	1:B:17:MET:HE1	1:A:18:ILE:HA	13	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:B:17:MET:HE1	1:B:18:ILE:HA	13	0.12
(1,33)	1:B:17:MET:HE1	1:C:18:ILE:HA	13	0.12
(1,33)	1:B:17:MET:HE2	1:A:18:ILE:HA	13	0.12
(1,33)	1:B:17:MET:HE2	1:B:18:ILE:HA	13	0.12
(1,33)	1:B:17:MET:HE2	1:C:18:ILE:HA	13	0.12
(1,33)	1:B:17:MET:HE3	1:A:18:ILE:HA	13	0.12
(1,33)	1:B:17:MET:HE3	1:B:18:ILE:HA	13	0.12
(1,33)	1:B:17:MET:HE3	1:C:18:ILE:HA	13	0.12
(1,33)	1:C:17:MET:HE1	1:A:18:ILE:HA	13	0.12
(1,33)	1:C:17:MET:HE1	1:B:18:ILE:HA	13	0.12
(1,33)	1:C:17:MET:HE1	1:C:18:ILE:HA	13	0.12
(1,33)	1:C:17:MET:HE2	1:A:18:ILE:HA	13	0.12
(1,33)	1:C:17:MET:HE2	1:B:18:ILE:HA	13	0.12
(1,33)	1:C:17:MET:HE2	1:C:18:ILE:HA	13	0.12
(1,33)	1:C:17:MET:HE3	1:A:18:ILE:HA	13	0.12
(1,33)	1:C:17:MET:HE3	1:B:18:ILE:HA	13	0.12
(1,33)	1:C:17:MET:HE3	1:C:18:ILE:HA	13	0.12
(1,31)	1:A:17:MET:HB2	1:A:18:ILE:HA	10	0.12
(1,31)	1:A:17:MET:HB2	1:B:18:ILE:HA	10	0.12
(1,31)	1:A:17:MET:HB2	1:C:18:ILE:HA	10	0.12
(1,31)	1:A:17:MET:HB3	1:A:18:ILE:HA	10	0.12
(1,31)	1:A:17:MET:HB3	1:B:18:ILE:HA	10	0.12
(1,31)	1:A:17:MET:HB3	1:C:18:ILE:HA	10	0.12
(1,31)	1:B:17:MET:HB2	1:A:18:ILE:HA	10	0.12
(1,31)	1:B:17:MET:HB2	1:B:18:ILE:HA	10	0.12
(1,31)	1:B:17:MET:HB2	1:C:18:ILE:HA	10	0.12
(1,31)	1:B:17:MET:HB3	1:A:18:ILE:HA	10	0.12
(1,31)	1:B:17:MET:HB3	1:B:18:ILE:HA	10	0.12
(1,31)	1:B:17:MET:HB3	1:C:18:ILE:HA	10	0.12
(1,31)	1:C:17:MET:HB2	1:A:18:ILE:HA	10	0.12
(1,31)	1:C:17:MET:HB2	1:B:18:ILE:HA	10	0.12
(1,31)	1:C:17:MET:HB2	1:C:18:ILE:HA	10	0.12
(1,31)	1:C:17:MET:HB3	1:A:18:ILE:HA	10	0.12
(1,31)	1:C:17:MET:HB3	1:B:18:ILE:HA	10	0.12
(1,31)	1:C:17:MET:HB3	1:C:18:ILE:HA	10	0.12
(1,309)	1:A:5:ALA:HB1	1:A:21:TRP:HE3	15	0.12
(1,309)	1:A:5:ALA:HB1	1:B:21:TRP:HE3	15	0.12
(1,309)	1:A:5:ALA:HB1	1:C:21:TRP:HE3	15	0.12
(1,309)	1:A:5:ALA:HB2	1:A:21:TRP:HE3	15	0.12
(1,309)	1:A:5:ALA:HB2	1:B:21:TRP:HE3	15	0.12
(1,309)	1:A:5:ALA:HB2	1:C:21:TRP:HE3	15	0.12
(1,309)	1:A:5:ALA:HB3	1:A:21:TRP:HE3	15	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,309)	1:A:5:ALA:HB3	1:B:21:TRP:HE3	15	0.12
(1,309)	1:A:5:ALA:HB3	1:C:21:TRP:HE3	15	0.12
(1,309)	1:B:5:ALA:HB1	1:A:21:TRP:HE3	15	0.12
(1,309)	1:B:5:ALA:HB1	1:B:21:TRP:HE3	15	0.12
(1,309)	1:B:5:ALA:HB1	1:C:21:TRP:HE3	15	0.12
(1,309)	1:B:5:ALA:HB2	1:A:21:TRP:HE3	15	0.12
(1,309)	1:B:5:ALA:HB2	1:B:21:TRP:HE3	15	0.12
(1,309)	1:B:5:ALA:HB2	1:C:21:TRP:HE3	15	0.12
(1,309)	1:B:5:ALA:HB3	1:A:21:TRP:HE3	15	0.12
(1,309)	1:B:5:ALA:HB3	1:B:21:TRP:HE3	15	0.12
(1,309)	1:B:5:ALA:HB3	1:C:21:TRP:HE3	15	0.12
(1,309)	1:C:5:ALA:HB1	1:A:21:TRP:HE3	15	0.12
(1,309)	1:C:5:ALA:HB1	1:B:21:TRP:HE3	15	0.12
(1,309)	1:C:5:ALA:HB1	1:C:21:TRP:HE3	15	0.12
(1,309)	1:C:5:ALA:HB2	1:A:21:TRP:HE3	15	0.12
(1,309)	1:C:5:ALA:HB2	1:B:21:TRP:HE3	15	0.12
(1,309)	1:C:5:ALA:HB2	1:C:21:TRP:HE3	15	0.12
(1,309)	1:C:5:ALA:HB3	1:A:21:TRP:HE3	15	0.12
(1,309)	1:C:5:ALA:HB3	1:B:21:TRP:HE3	15	0.12
(1,309)	1:C:5:ALA:HB3	1:C:21:TRP:HE3	15	0.12
(1,307)	1:A:2:LEU:HD11	1:A:21:TRP:HZ3	19	0.12
(1,307)	1:A:2:LEU:HD11	1:B:21:TRP:HZ3	19	0.12
(1,307)	1:A:2:LEU:HD11	1:C:21:TRP:HZ3	19	0.12
(1,307)	1:A:2:LEU:HD12	1:A:21:TRP:HZ3	19	0.12
(1,307)	1:A:2:LEU:HD12	1:B:21:TRP:HZ3	19	0.12
(1,307)	1:A:2:LEU:HD12	1:C:21:TRP:HZ3	19	0.12
(1,307)	1:A:2:LEU:HD13	1:A:21:TRP:HZ3	19	0.12
(1,307)	1:A:2:LEU:HD13	1:B:21:TRP:HZ3	19	0.12
(1,307)	1:A:2:LEU:HD13	1:C:21:TRP:HZ3	19	0.12
(1,307)	1:B:2:LEU:HD11	1:A:21:TRP:HZ3	19	0.12
(1,307)	1:B:2:LEU:HD11	1:B:21:TRP:HZ3	19	0.12
(1,307)	1:B:2:LEU:HD11	1:C:21:TRP:HZ3	19	0.12
(1,307)	1:B:2:LEU:HD12	1:A:21:TRP:HZ3	19	0.12
(1,307)	1:B:2:LEU:HD12	1:B:21:TRP:HZ3	19	0.12
(1,307)	1:B:2:LEU:HD12	1:C:21:TRP:HZ3	19	0.12
(1,307)	1:B:2:LEU:HD13	1:A:21:TRP:HZ3	19	0.12
(1,307)	1:B:2:LEU:HD13	1:B:21:TRP:HZ3	19	0.12
(1,307)	1:B:2:LEU:HD13	1:C:21:TRP:HZ3	19	0.12
(1,307)	1:C:2:LEU:HD11	1:A:21:TRP:HZ3	19	0.12
(1,307)	1:C:2:LEU:HD11	1:B:21:TRP:HZ3	19	0.12
(1,307)	1:C:2:LEU:HD11	1:C:21:TRP:HZ3	19	0.12
(1,307)	1:C:2:LEU:HD12	1:A:21:TRP:HZ3	19	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,307)	1:C:2:LEU:HD12	1:B:21:TRP:HZ3	19	0.12
(1,307)	1:C:2:LEU:HD12	1:C:21:TRP:HZ3	19	0.12
(1,307)	1:C:2:LEU:HD13	1:A:21:TRP:HZ3	19	0.12
(1,307)	1:C:2:LEU:HD13	1:B:21:TRP:HZ3	19	0.12
(1,307)	1:C:2:LEU:HD13	1:C:21:TRP:HZ3	19	0.12
(1,302)	1:A:17:MET:HE1	1:A:9:PHE:HB2	15	0.12
(1,302)	1:A:17:MET:HE1	1:A:9:PHE:HB3	15	0.12
(1,302)	1:A:17:MET:HE1	1:B:9:PHE:HB2	15	0.12
(1,302)	1:A:17:MET:HE1	1:B:9:PHE:HB3	15	0.12
(1,302)	1:A:17:MET:HE1	1:C:9:PHE:HB2	15	0.12
(1,302)	1:A:17:MET:HE1	1:C:9:PHE:HB3	15	0.12
(1,302)	1:A:17:MET:HE2	1:A:9:PHE:HB2	15	0.12
(1,302)	1:A:17:MET:HE2	1:A:9:PHE:HB3	15	0.12
(1,302)	1:A:17:MET:HE2	1:B:9:PHE:HB2	15	0.12
(1,302)	1:A:17:MET:HE2	1:B:9:PHE:HB3	15	0.12
(1,302)	1:A:17:MET:HE2	1:C:9:PHE:HB2	15	0.12
(1,302)	1:A:17:MET:HE2	1:C:9:PHE:HB3	15	0.12
(1,302)	1:A:17:MET:HE3	1:A:9:PHE:HB2	15	0.12
(1,302)	1:A:17:MET:HE3	1:A:9:PHE:HB3	15	0.12
(1,302)	1:A:17:MET:HE3	1:B:9:PHE:HB2	15	0.12
(1,302)	1:A:17:MET:HE3	1:B:9:PHE:HB3	15	0.12
(1,302)	1:A:17:MET:HE3	1:C:9:PHE:HB2	15	0.12
(1,302)	1:A:17:MET:HE3	1:C:9:PHE:HB3	15	0.12
(1,302)	1:B:17:MET:HE1	1:A:9:PHE:HB2	15	0.12
(1,302)	1:B:17:MET:HE1	1:A:9:PHE:HB3	15	0.12
(1,302)	1:B:17:MET:HE1	1:B:9:PHE:HB2	15	0.12
(1,302)	1:B:17:MET:HE1	1:B:9:PHE:HB3	15	0.12
(1,302)	1:B:17:MET:HE1	1:C:9:PHE:HB2	15	0.12
(1,302)	1:B:17:MET:HE1	1:C:9:PHE:HB3	15	0.12
(1,302)	1:B:17:MET:HE2	1:A:9:PHE:HB2	15	0.12
(1,302)	1:B:17:MET:HE2	1:A:9:PHE:HB3	15	0.12
(1,302)	1:B:17:MET:HE2	1:B:9:PHE:HB2	15	0.12
(1,302)	1:B:17:MET:HE2	1:B:9:PHE:HB3	15	0.12
(1,302)	1:B:17:MET:HE2	1:C:9:PHE:HB2	15	0.12
(1,302)	1:B:17:MET:HE2	1:C:9:PHE:HB3	15	0.12
(1,302)	1:B:17:MET:HE3	1:A:9:PHE:HB2	15	0.12
(1,302)	1:B:17:MET:HE3	1:A:9:PHE:HB3	15	0.12
(1,302)	1:B:17:MET:HE3	1:B:9:PHE:HB2	15	0.12
(1,302)	1:B:17:MET:HE3	1:B:9:PHE:HB3	15	0.12
(1,302)	1:B:17:MET:HE3	1:C:9:PHE:HB2	15	0.12
(1,302)	1:B:17:MET:HE3	1:C:9:PHE:HB3	15	0.12
(1,302)	1:C:17:MET:HE1	1:A:9:PHE:HB2	15	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,302)	1:C:17:MET:HE1	1:A:9:PHE:HB3	15	0.12
(1,302)	1:C:17:MET:HE1	1:B:9:PHE:HB2	15	0.12
(1,302)	1:C:17:MET:HE1	1:B:9:PHE:HB3	15	0.12
(1,302)	1:C:17:MET:HE1	1:C:9:PHE:HB2	15	0.12
(1,302)	1:C:17:MET:HE1	1:C:9:PHE:HB3	15	0.12
(1,302)	1:C:17:MET:HE2	1:A:9:PHE:HB2	15	0.12
(1,302)	1:C:17:MET:HE2	1:A:9:PHE:HB3	15	0.12
(1,302)	1:C:17:MET:HE2	1:B:9:PHE:HB2	15	0.12
(1,302)	1:C:17:MET:HE2	1:B:9:PHE:HB3	15	0.12
(1,302)	1:C:17:MET:HE2	1:C:9:PHE:HB2	15	0.12
(1,302)	1:C:17:MET:HE2	1:C:9:PHE:HB3	15	0.12
(1,302)	1:C:17:MET:HE3	1:A:9:PHE:HB2	15	0.12
(1,302)	1:C:17:MET:HE3	1:A:9:PHE:HB3	15	0.12
(1,302)	1:C:17:MET:HE3	1:B:9:PHE:HB2	15	0.12
(1,302)	1:C:17:MET:HE3	1:B:9:PHE:HB3	15	0.12
(1,302)	1:C:17:MET:HE3	1:C:9:PHE:HB2	15	0.12
(1,302)	1:C:17:MET:HE3	1:C:9:PHE:HB3	15	0.12
(1,278)	1:A:2:LEU:HA	1:A:6:ILE:H	4	0.12
(1,278)	1:A:2:LEU:HA	1:B:6:ILE:H	4	0.12
(1,278)	1:A:2:LEU:HA	1:C:6:ILE:H	4	0.12
(1,278)	1:B:2:LEU:HA	1:A:6:ILE:H	4	0.12
(1,278)	1:B:2:LEU:HA	1:B:6:ILE:H	4	0.12
(1,278)	1:B:2:LEU:HA	1:C:6:ILE:H	4	0.12
(1,278)	1:C:2:LEU:HA	1:A:6:ILE:H	4	0.12
(1,278)	1:C:2:LEU:HA	1:B:6:ILE:H	4	0.12
(1,278)	1:C:2:LEU:HA	1:C:6:ILE:H	4	0.12
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG21	4	0.12
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG22	4	0.12
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG23	4	0.12
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG21	4	0.12
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG22	4	0.12
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG23	4	0.12
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG21	4	0.12
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG22	4	0.12
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG23	4	0.12
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG21	4	0.12
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG22	4	0.12
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG23	4	0.12
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG21	4	0.12
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG22	4	0.12
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG23	4	0.12
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG21	4	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG22	4	0.12
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG23	4	0.12
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG21	4	0.12
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG22	4	0.12
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG23	4	0.12
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG21	4	0.12
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG22	4	0.12
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG23	4	0.12
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG21	4	0.12
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG22	4	0.12
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG23	4	0.12
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG21	4	0.12
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG22	4	0.12
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG23	4	0.12
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG21	4	0.12
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG22	4	0.12
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG23	4	0.12
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG21	4	0.12
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG22	4	0.12
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG23	4	0.12
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG21	4	0.12
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG22	4	0.12
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG23	4	0.12
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG21	4	0.12
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG22	4	0.12
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG23	4	0.12
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG21	4	0.12
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG22	4	0.12
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG23	4	0.12
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG21	4	0.12
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG22	4	0.12
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG23	4	0.12
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG21	4	0.12
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG22	4	0.12
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG23	4	0.12
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG21	4	0.12
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG22	4	0.12
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG23	4	0.12
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG21	12	0.12
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG22	12	0.12
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG23	12	0.12
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG21	12	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG22	12	0.12
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG23	12	0.12
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG21	12	0.12
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG22	12	0.12
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG23	12	0.12
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG21	12	0.12
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG22	12	0.12
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG23	12	0.12
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG21	12	0.12
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG22	12	0.12
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG23	12	0.12
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG21	12	0.12
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG22	12	0.12
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG23	12	0.12
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG21	12	0.12
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG22	12	0.12
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG23	12	0.12
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG21	12	0.12
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG22	12	0.12
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG23	12	0.12
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG21	12	0.12
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG22	12	0.12
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG23	12	0.12
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG21	12	0.12
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG22	12	0.12
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG23	12	0.12
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG21	12	0.12
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG22	12	0.12
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG23	12	0.12
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG21	12	0.12
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG22	12	0.12
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG23	12	0.12
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG21	12	0.12
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG22	12	0.12
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG23	12	0.12
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG21	12	0.12
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG22	12	0.12
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG23	12	0.12
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG21	12	0.12
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG22	12	0.12
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG23	12	0.12
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG21	12	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG22	12	0.12
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG23	12	0.12
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG21	12	0.12
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG22	12	0.12
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG23	12	0.12
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG21	12	0.12
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG22	12	0.12
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG23	12	0.12
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD11	17	0.12
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD12	17	0.12
(1,265)	1:A:14:TRP:HZ3	1:A:18:ILE:HD13	17	0.12
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD11	17	0.12
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD12	17	0.12
(1,265)	1:A:14:TRP:HZ3	1:B:18:ILE:HD13	17	0.12
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD11	17	0.12
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD12	17	0.12
(1,265)	1:A:14:TRP:HZ3	1:C:18:ILE:HD13	17	0.12
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD11	17	0.12
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD12	17	0.12
(1,265)	1:B:14:TRP:HZ3	1:A:18:ILE:HD13	17	0.12
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD11	17	0.12
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD12	17	0.12
(1,265)	1:B:14:TRP:HZ3	1:B:18:ILE:HD13	17	0.12
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD11	17	0.12
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD12	17	0.12
(1,265)	1:B:14:TRP:HZ3	1:C:18:ILE:HD13	17	0.12
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD11	17	0.12
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD12	17	0.12
(1,265)	1:C:14:TRP:HZ3	1:A:18:ILE:HD13	17	0.12
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD11	17	0.12
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD12	17	0.12
(1,265)	1:C:14:TRP:HZ3	1:B:18:ILE:HD13	17	0.12
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD11	17	0.12
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD12	17	0.12
(1,265)	1:C:14:TRP:HZ3	1:C:18:ILE:HD13	17	0.12
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD11	9	0.12
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD12	9	0.12
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD13	9	0.12
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD11	9	0.12
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD12	9	0.12
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD13	9	0.12
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD11	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD12	9	0.12
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD13	9	0.12
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD11	9	0.12
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD12	9	0.12
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD13	9	0.12
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD11	9	0.12
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD12	9	0.12
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD13	9	0.12
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD11	9	0.12
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD12	9	0.12
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD13	9	0.12
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD11	9	0.12
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD12	9	0.12
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD13	9	0.12
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD11	9	0.12
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD12	9	0.12
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD13	9	0.12
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD11	9	0.12
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD12	9	0.12
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD13	9	0.12
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	19	0.12
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	19	0.12
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	19	0.12
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	19	0.12
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	19	0.12
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	19	0.12
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	19	0.12
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	19	0.12
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	19	0.12
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	19	0.12
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	19	0.12
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	19	0.12
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	19	0.12
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	19	0.12
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	19	0.12
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	19	0.12
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	19	0.12
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	19	0.12
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	19	0.12
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	19	0.12
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	19	0.12
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	19	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	19	0.12
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	19	0.12
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	19	0.12
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	19	0.12
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	19	0.12
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	8	0.12
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	8	0.12
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	8	0.12
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	8	0.12
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	8	0.12
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	8	0.12
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	8	0.12
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	8	0.12
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	8	0.12
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	8	0.12
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	8	0.12
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	8	0.12
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	8	0.12
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	8	0.12
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	8	0.12
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	8	0.12
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	8	0.12
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	8	0.12
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	8	0.12
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	8	0.12
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	8	0.12
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	8	0.12
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	8	0.12
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	8	0.12
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	8	0.12
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	8	0.12
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	8	0.12
(1,217)	1:A:17:MET:HB2	1:A:14:TRP:HA	20	0.12
(1,217)	1:A:17:MET:HB2	1:B:14:TRP:HA	20	0.12
(1,217)	1:A:17:MET:HB2	1:C:14:TRP:HA	20	0.12
(1,217)	1:A:17:MET:HB3	1:A:14:TRP:HA	20	0.12
(1,217)	1:A:17:MET:HB3	1:B:14:TRP:HA	20	0.12
(1,217)	1:A:17:MET:HB3	1:C:14:TRP:HA	20	0.12
(1,217)	1:B:17:MET:HB2	1:A:14:TRP:HA	20	0.12
(1,217)	1:B:17:MET:HB2	1:B:14:TRP:HA	20	0.12
(1,217)	1:B:17:MET:HB2	1:C:14:TRP:HA	20	0.12
(1,217)	1:B:17:MET:HB3	1:A:14:TRP:HA	20	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,217)	1:B:17:MET:HB3	1:B:14:TRP:HA	20	0.12
(1,217)	1:B:17:MET:HB3	1:C:14:TRP:HA	20	0.12
(1,217)	1:C:17:MET:HB2	1:A:14:TRP:HA	20	0.12
(1,217)	1:C:17:MET:HB2	1:B:14:TRP:HA	20	0.12
(1,217)	1:C:17:MET:HB2	1:C:14:TRP:HA	20	0.12
(1,217)	1:C:17:MET:HB3	1:A:14:TRP:HA	20	0.12
(1,217)	1:C:17:MET:HB3	1:B:14:TRP:HA	20	0.12
(1,217)	1:C:17:MET:HB3	1:C:14:TRP:HA	20	0.12
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	11	0.12
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	11	0.12
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	11	0.12
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	11	0.12
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	11	0.12
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	11	0.12
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	11	0.12
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	11	0.12
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	11	0.12
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	11	0.12
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	11	0.12
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	11	0.12
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	11	0.12
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	11	0.12
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	11	0.12
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	11	0.12
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	11	0.12
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	11	0.12
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	6	0.12
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	6	0.12
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	6	0.12
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	6	0.12
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	6	0.12
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	6	0.12
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	6	0.12
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	6	0.12
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	6	0.12
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	6	0.12
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	6	0.12
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	6	0.12
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	6	0.12
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	6	0.12
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	6	0.12
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	6	0.12
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	6	0.12
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	6	0.12
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	6	0.12
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	6	0.12
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	6	0.12
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	6	0.12
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	6	0.12
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	6	0.12
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	6	0.12
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	6	0.12
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	6	0.12
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	6	0.12
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	6	0.12
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	6	0.12
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	6	0.12
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	6	0.12
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	6	0.12
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	6	0.12
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	6	0.12
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	6	0.12
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	6	0.12
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	6	0.12
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	6	0.12
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	6	0.12
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	6	0.12
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	6	0.12
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	6	0.12
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	6	0.12
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	6	0.12
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	6	0.12
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	6	0.12
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	6	0.12
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	6	0.12
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	6	0.12
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	6	0.12
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	6	0.12
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	6	0.12
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	9	0.12
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	9	0.12
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	9	0.12
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	9	0.12
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	9	0.12
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	9	0.12
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	9	0.12
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	9	0.12
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	9	0.12
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	9	0.12
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	9	0.12
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	9	0.12
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	9	0.12
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	9	0.12
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	9	0.12
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	9	0.12
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	9	0.12
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	9	0.12
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	9	0.12
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	9	0.12
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	9	0.12
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	9	0.12
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	9	0.12
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	9	0.12
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	9	0.12
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	9	0.12
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	9	0.12
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	9	0.12
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	9	0.12
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	9	0.12
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	9	0.12
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	9	0.12
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	9	0.12
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	9	0.12
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	9	0.12
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	9	0.12
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	9	0.12
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	9	0.12
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	9	0.12
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	9	0.12
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	9	0.12
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	9	0.12
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	9	0.12
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	9	0.12
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	9	0.12
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	9	0.12
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	9	0.12
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	9	0.12
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	9	0.12
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	9	0.12
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	9	0.12
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	9	0.12
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	14	0.12
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	14	0.12
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	14	0.12
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	14	0.12
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	14	0.12
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	14	0.12
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	14	0.12
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	14	0.12
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	14	0.12
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	14	0.12
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	14	0.12
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	14	0.12
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	14	0.12
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	14	0.12
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	14	0.12
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	14	0.12
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	14	0.12
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	14	0.12
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	14	0.12
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	14	0.12
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	14	0.12
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	14	0.12
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	14	0.12
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	14	0.12
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	14	0.12
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	14	0.12
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	14	0.12
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	14	0.12
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	14	0.12
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	14	0.12
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	14	0.12
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	14	0.12
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	14	0.12
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	14	0.12
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	14	0.12
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	14	0.12
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	14	0.12
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	14	0.12
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	14	0.12
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	14	0.12
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	14	0.12
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	14	0.12
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	14	0.12
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	14	0.12
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	14	0.12
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	14	0.12
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	14	0.12
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	14	0.12
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	14	0.12
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	14	0.12
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	14	0.12
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	14	0.12
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	14	0.12
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	18	0.12
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	18	0.12
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	18	0.12
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	18	0.12
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	18	0.12
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	18	0.12
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	18	0.12
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	18	0.12
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	18	0.12
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	18	0.12
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	18	0.12
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	18	0.12
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	18	0.12
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	18	0.12
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	18	0.12
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	18	0.12
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	18	0.12
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	18	0.12
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	18	0.12
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	18	0.12
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	18	0.12
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	18	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	18	0.12
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	18	0.12
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	18	0.12
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	18	0.12
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	18	0.12
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	18	0.12
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	18	0.12
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	18	0.12
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	18	0.12
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	18	0.12
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	18	0.12
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	18	0.12
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	18	0.12
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	18	0.12
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	18	0.12
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	18	0.12
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	18	0.12
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	18	0.12
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	18	0.12
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	18	0.12
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	18	0.12
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	18	0.12
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	18	0.12
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	18	0.12
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	18	0.12
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	18	0.12
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	18	0.12
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	18	0.12
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	18	0.12
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	18	0.12
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	18	0.12
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	18	0.12
(1,201)	1:A:19:ASP:HB2	1:A:20:GLY:H	8	0.12
(1,201)	1:A:19:ASP:HB2	1:B:20:GLY:H	8	0.12
(1,201)	1:A:19:ASP:HB2	1:C:20:GLY:H	8	0.12
(1,201)	1:A:19:ASP:HB3	1:A:20:GLY:H	8	0.12
(1,201)	1:A:19:ASP:HB3	1:B:20:GLY:H	8	0.12
(1,201)	1:A:19:ASP:HB3	1:C:20:GLY:H	8	0.12
(1,201)	1:B:19:ASP:HB2	1:A:20:GLY:H	8	0.12
(1,201)	1:B:19:ASP:HB2	1:B:20:GLY:H	8	0.12
(1,201)	1:B:19:ASP:HB2	1:C:20:GLY:H	8	0.12
(1,201)	1:B:19:ASP:HB3	1:A:20:GLY:H	8	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,201)	1:B:19:ASP:HB3	1:B:20:GLY:H	8	0.12
(1,201)	1:B:19:ASP:HB3	1:C:20:GLY:H	8	0.12
(1,201)	1:C:19:ASP:HB2	1:A:20:GLY:H	8	0.12
(1,201)	1:C:19:ASP:HB2	1:B:20:GLY:H	8	0.12
(1,201)	1:C:19:ASP:HB2	1:C:20:GLY:H	8	0.12
(1,201)	1:C:19:ASP:HB3	1:A:20:GLY:H	8	0.12
(1,201)	1:C:19:ASP:HB3	1:B:20:GLY:H	8	0.12
(1,201)	1:C:19:ASP:HB3	1:C:20:GLY:H	8	0.12
(1,201)	1:A:19:ASP:HB2	1:A:20:GLY:H	10	0.12
(1,201)	1:A:19:ASP:HB2	1:B:20:GLY:H	10	0.12
(1,201)	1:A:19:ASP:HB2	1:C:20:GLY:H	10	0.12
(1,201)	1:A:19:ASP:HB3	1:A:20:GLY:H	10	0.12
(1,201)	1:A:19:ASP:HB3	1:B:20:GLY:H	10	0.12
(1,201)	1:A:19:ASP:HB3	1:C:20:GLY:H	10	0.12
(1,201)	1:B:19:ASP:HB2	1:A:20:GLY:H	10	0.12
(1,201)	1:B:19:ASP:HB2	1:B:20:GLY:H	10	0.12
(1,201)	1:B:19:ASP:HB2	1:C:20:GLY:H	10	0.12
(1,201)	1:B:19:ASP:HB3	1:A:20:GLY:H	10	0.12
(1,201)	1:B:19:ASP:HB3	1:B:20:GLY:H	10	0.12
(1,201)	1:B:19:ASP:HB3	1:C:20:GLY:H	10	0.12
(1,201)	1:C:19:ASP:HB2	1:A:20:GLY:H	10	0.12
(1,201)	1:C:19:ASP:HB2	1:B:20:GLY:H	10	0.12
(1,201)	1:C:19:ASP:HB2	1:C:20:GLY:H	10	0.12
(1,201)	1:C:19:ASP:HB3	1:A:20:GLY:H	10	0.12
(1,201)	1:C:19:ASP:HB3	1:B:20:GLY:H	10	0.12
(1,201)	1:C:19:ASP:HB3	1:C:20:GLY:H	10	0.12
(1,199)	1:A:18:ILE:HG21	1:A:19:ASP:H	19	0.12
(1,199)	1:A:18:ILE:HG21	1:B:19:ASP:H	19	0.12
(1,199)	1:A:18:ILE:HG21	1:C:19:ASP:H	19	0.12
(1,199)	1:A:18:ILE:HG22	1:A:19:ASP:H	19	0.12
(1,199)	1:A:18:ILE:HG22	1:B:19:ASP:H	19	0.12
(1,199)	1:A:18:ILE:HG22	1:C:19:ASP:H	19	0.12
(1,199)	1:A:18:ILE:HG23	1:A:19:ASP:H	19	0.12
(1,199)	1:A:18:ILE:HG23	1:B:19:ASP:H	19	0.12
(1,199)	1:A:18:ILE:HG23	1:C:19:ASP:H	19	0.12
(1,199)	1:B:18:ILE:HG21	1:A:19:ASP:H	19	0.12
(1,199)	1:B:18:ILE:HG21	1:B:19:ASP:H	19	0.12
(1,199)	1:B:18:ILE:HG21	1:C:19:ASP:H	19	0.12
(1,199)	1:B:18:ILE:HG22	1:A:19:ASP:H	19	0.12
(1,199)	1:B:18:ILE:HG22	1:B:19:ASP:H	19	0.12
(1,199)	1:B:18:ILE:HG22	1:C:19:ASP:H	19	0.12
(1,199)	1:B:18:ILE:HG23	1:A:19:ASP:H	19	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,199)	1:B:18:ILE:HG23	1:B:19:ASP:H	19	0.12
(1,199)	1:B:18:ILE:HG23	1:C:19:ASP:H	19	0.12
(1,199)	1:C:18:ILE:HG21	1:A:19:ASP:H	19	0.12
(1,199)	1:C:18:ILE:HG21	1:B:19:ASP:H	19	0.12
(1,199)	1:C:18:ILE:HG21	1:C:19:ASP:H	19	0.12
(1,199)	1:C:18:ILE:HG22	1:A:19:ASP:H	19	0.12
(1,199)	1:C:18:ILE:HG22	1:B:19:ASP:H	19	0.12
(1,199)	1:C:18:ILE:HG22	1:C:19:ASP:H	19	0.12
(1,199)	1:C:18:ILE:HG23	1:A:19:ASP:H	19	0.12
(1,199)	1:C:18:ILE:HG23	1:B:19:ASP:H	19	0.12
(1,199)	1:C:18:ILE:HG23	1:C:19:ASP:H	19	0.12
(1,197)	1:A:18:ILE:HG12	1:A:18:ILE:H	10	0.12
(1,197)	1:A:18:ILE:HG12	1:B:18:ILE:H	10	0.12
(1,197)	1:A:18:ILE:HG12	1:C:18:ILE:H	10	0.12
(1,197)	1:A:18:ILE:HG13	1:A:18:ILE:H	10	0.12
(1,197)	1:A:18:ILE:HG13	1:B:18:ILE:H	10	0.12
(1,197)	1:A:18:ILE:HG13	1:C:18:ILE:H	10	0.12
(1,197)	1:B:18:ILE:HG12	1:A:18:ILE:H	10	0.12
(1,197)	1:B:18:ILE:HG12	1:B:18:ILE:H	10	0.12
(1,197)	1:B:18:ILE:HG12	1:C:18:ILE:H	10	0.12
(1,197)	1:B:18:ILE:HG13	1:A:18:ILE:H	10	0.12
(1,197)	1:B:18:ILE:HG13	1:B:18:ILE:H	10	0.12
(1,197)	1:B:18:ILE:HG13	1:C:18:ILE:H	10	0.12
(1,197)	1:C:18:ILE:HG12	1:A:18:ILE:H	10	0.12
(1,197)	1:C:18:ILE:HG12	1:B:18:ILE:H	10	0.12
(1,197)	1:C:18:ILE:HG12	1:C:18:ILE:H	10	0.12
(1,197)	1:C:18:ILE:HG13	1:A:18:ILE:H	10	0.12
(1,197)	1:C:18:ILE:HG13	1:B:18:ILE:H	10	0.12
(1,197)	1:C:18:ILE:HG13	1:C:18:ILE:H	10	0.12
(1,197)	1:A:18:ILE:HG12	1:A:18:ILE:H	18	0.12
(1,197)	1:A:18:ILE:HG12	1:B:18:ILE:H	18	0.12
(1,197)	1:A:18:ILE:HG12	1:C:18:ILE:H	18	0.12
(1,197)	1:A:18:ILE:HG13	1:A:18:ILE:H	18	0.12
(1,197)	1:A:18:ILE:HG13	1:B:18:ILE:H	18	0.12
(1,197)	1:A:18:ILE:HG13	1:C:18:ILE:H	18	0.12
(1,197)	1:B:18:ILE:HG12	1:A:18:ILE:H	18	0.12
(1,197)	1:B:18:ILE:HG12	1:B:18:ILE:H	18	0.12
(1,197)	1:B:18:ILE:HG12	1:C:18:ILE:H	18	0.12
(1,197)	1:B:18:ILE:HG13	1:A:18:ILE:H	18	0.12
(1,197)	1:B:18:ILE:HG13	1:B:18:ILE:H	18	0.12
(1,197)	1:B:18:ILE:HG13	1:C:18:ILE:H	18	0.12
(1,197)	1:C:18:ILE:HG12	1:A:18:ILE:H	18	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,197)	1:C:18:ILE:HG12	1:B:18:ILE:H	18	0.12
(1,197)	1:C:18:ILE:HG12	1:C:18:ILE:H	18	0.12
(1,197)	1:C:18:ILE:HG13	1:A:18:ILE:H	18	0.12
(1,197)	1:C:18:ILE:HG13	1:B:18:ILE:H	18	0.12
(1,197)	1:C:18:ILE:HG13	1:C:18:ILE:H	18	0.12
(1,188)	1:A:15:THR:HB	1:A:16:GLY:H	10	0.12
(1,188)	1:A:15:THR:HB	1:B:16:GLY:H	10	0.12
(1,188)	1:A:15:THR:HB	1:C:16:GLY:H	10	0.12
(1,188)	1:B:15:THR:HB	1:A:16:GLY:H	10	0.12
(1,188)	1:B:15:THR:HB	1:B:16:GLY:H	10	0.12
(1,188)	1:B:15:THR:HB	1:C:16:GLY:H	10	0.12
(1,188)	1:C:15:THR:HB	1:A:16:GLY:H	10	0.12
(1,188)	1:C:15:THR:HB	1:B:16:GLY:H	10	0.12
(1,188)	1:C:15:THR:HB	1:C:16:GLY:H	10	0.12
(1,186)	1:A:14:TRP:HB2	1:A:15:THR:H	2	0.12
(1,186)	1:A:14:TRP:HB2	1:B:15:THR:H	2	0.12
(1,186)	1:A:14:TRP:HB2	1:C:15:THR:H	2	0.12
(1,186)	1:A:14:TRP:HB3	1:A:15:THR:H	2	0.12
(1,186)	1:A:14:TRP:HB3	1:B:15:THR:H	2	0.12
(1,186)	1:A:14:TRP:HB3	1:C:15:THR:H	2	0.12
(1,186)	1:B:14:TRP:HB2	1:A:15:THR:H	2	0.12
(1,186)	1:B:14:TRP:HB2	1:B:15:THR:H	2	0.12
(1,186)	1:B:14:TRP:HB2	1:C:15:THR:H	2	0.12
(1,186)	1:B:14:TRP:HB3	1:A:15:THR:H	2	0.12
(1,186)	1:B:14:TRP:HB3	1:B:15:THR:H	2	0.12
(1,186)	1:B:14:TRP:HB3	1:C:15:THR:H	2	0.12
(1,186)	1:C:14:TRP:HB2	1:A:15:THR:H	2	0.12
(1,186)	1:C:14:TRP:HB2	1:B:15:THR:H	2	0.12
(1,186)	1:C:14:TRP:HB2	1:C:15:THR:H	2	0.12
(1,186)	1:C:14:TRP:HB3	1:A:15:THR:H	2	0.12
(1,186)	1:C:14:TRP:HB3	1:B:15:THR:H	2	0.12
(1,186)	1:C:14:TRP:HB3	1:C:15:THR:H	2	0.12
(1,186)	1:A:14:TRP:HB2	1:A:15:THR:H	19	0.12
(1,186)	1:A:14:TRP:HB2	1:B:15:THR:H	19	0.12
(1,186)	1:A:14:TRP:HB2	1:C:15:THR:H	19	0.12
(1,186)	1:A:14:TRP:HB3	1:A:15:THR:H	19	0.12
(1,186)	1:A:14:TRP:HB3	1:B:15:THR:H	19	0.12
(1,186)	1:A:14:TRP:HB3	1:C:15:THR:H	19	0.12
(1,186)	1:B:14:TRP:HB2	1:A:15:THR:H	19	0.12
(1,186)	1:B:14:TRP:HB2	1:B:15:THR:H	19	0.12
(1,186)	1:B:14:TRP:HB2	1:C:15:THR:H	19	0.12
(1,186)	1:B:14:TRP:HB3	1:A:15:THR:H	19	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,186)	1:B:14:TRP:HB3	1:B:15:THR:H	19	0.12
(1,186)	1:B:14:TRP:HB3	1:C:15:THR:H	19	0.12
(1,186)	1:C:14:TRP:HB2	1:A:15:THR:H	19	0.12
(1,186)	1:C:14:TRP:HB2	1:B:15:THR:H	19	0.12
(1,186)	1:C:14:TRP:HB2	1:C:15:THR:H	19	0.12
(1,186)	1:C:14:TRP:HB3	1:A:15:THR:H	19	0.12
(1,186)	1:C:14:TRP:HB3	1:B:15:THR:H	19	0.12
(1,186)	1:C:14:TRP:HB3	1:C:15:THR:H	19	0.12
(1,180)	1:A:10:ILE:HG21	1:A:11:GLU:H	13	0.12
(1,180)	1:A:10:ILE:HG21	1:B:11:GLU:H	13	0.12
(1,180)	1:A:10:ILE:HG21	1:C:11:GLU:H	13	0.12
(1,180)	1:A:10:ILE:HG22	1:A:11:GLU:H	13	0.12
(1,180)	1:A:10:ILE:HG22	1:B:11:GLU:H	13	0.12
(1,180)	1:A:10:ILE:HG22	1:C:11:GLU:H	13	0.12
(1,180)	1:A:10:ILE:HG23	1:A:11:GLU:H	13	0.12
(1,180)	1:A:10:ILE:HG23	1:B:11:GLU:H	13	0.12
(1,180)	1:A:10:ILE:HG23	1:C:11:GLU:H	13	0.12
(1,180)	1:B:10:ILE:HG21	1:A:11:GLU:H	13	0.12
(1,180)	1:B:10:ILE:HG21	1:B:11:GLU:H	13	0.12
(1,180)	1:B:10:ILE:HG21	1:C:11:GLU:H	13	0.12
(1,180)	1:B:10:ILE:HG22	1:A:11:GLU:H	13	0.12
(1,180)	1:B:10:ILE:HG22	1:B:11:GLU:H	13	0.12
(1,180)	1:B:10:ILE:HG22	1:C:11:GLU:H	13	0.12
(1,180)	1:B:10:ILE:HG23	1:A:11:GLU:H	13	0.12
(1,180)	1:B:10:ILE:HG23	1:B:11:GLU:H	13	0.12
(1,180)	1:B:10:ILE:HG23	1:C:11:GLU:H	13	0.12
(1,180)	1:C:10:ILE:HG21	1:A:11:GLU:H	13	0.12
(1,180)	1:C:10:ILE:HG21	1:B:11:GLU:H	13	0.12
(1,180)	1:C:10:ILE:HG21	1:C:11:GLU:H	13	0.12
(1,180)	1:C:10:ILE:HG22	1:A:11:GLU:H	13	0.12
(1,180)	1:C:10:ILE:HG22	1:B:11:GLU:H	13	0.12
(1,180)	1:C:10:ILE:HG22	1:C:11:GLU:H	13	0.12
(1,180)	1:C:10:ILE:HG23	1:A:11:GLU:H	13	0.12
(1,180)	1:C:10:ILE:HG23	1:B:11:GLU:H	13	0.12
(1,180)	1:C:10:ILE:HG23	1:C:11:GLU:H	13	0.12
(1,164)	1:A:6:ILE:HD11	1:A:7:ALA:H	16	0.12
(1,164)	1:A:6:ILE:HD11	1:B:7:ALA:H	16	0.12
(1,164)	1:A:6:ILE:HD11	1:C:7:ALA:H	16	0.12
(1,164)	1:A:6:ILE:HD12	1:A:7:ALA:H	16	0.12
(1,164)	1:A:6:ILE:HD12	1:B:7:ALA:H	16	0.12
(1,164)	1:A:6:ILE:HD12	1:C:7:ALA:H	16	0.12
(1,164)	1:A:6:ILE:HD13	1:A:7:ALA:H	16	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,164)	1:A:6:ILE:HD13	1:B:7:ALA:H	16	0.12
(1,164)	1:A:6:ILE:HD13	1:C:7:ALA:H	16	0.12
(1,164)	1:B:6:ILE:HD11	1:A:7:ALA:H	16	0.12
(1,164)	1:B:6:ILE:HD11	1:B:7:ALA:H	16	0.12
(1,164)	1:B:6:ILE:HD11	1:C:7:ALA:H	16	0.12
(1,164)	1:B:6:ILE:HD12	1:A:7:ALA:H	16	0.12
(1,164)	1:B:6:ILE:HD12	1:B:7:ALA:H	16	0.12
(1,164)	1:B:6:ILE:HD12	1:C:7:ALA:H	16	0.12
(1,164)	1:B:6:ILE:HD13	1:A:7:ALA:H	16	0.12
(1,164)	1:B:6:ILE:HD13	1:B:7:ALA:H	16	0.12
(1,164)	1:B:6:ILE:HD13	1:C:7:ALA:H	16	0.12
(1,164)	1:C:6:ILE:HD11	1:A:7:ALA:H	16	0.12
(1,164)	1:C:6:ILE:HD11	1:B:7:ALA:H	16	0.12
(1,164)	1:C:6:ILE:HD11	1:C:7:ALA:H	16	0.12
(1,164)	1:C:6:ILE:HD12	1:A:7:ALA:H	16	0.12
(1,164)	1:C:6:ILE:HD12	1:B:7:ALA:H	16	0.12
(1,164)	1:C:6:ILE:HD12	1:C:7:ALA:H	16	0.12
(1,164)	1:C:6:ILE:HD13	1:A:7:ALA:H	16	0.12
(1,164)	1:C:6:ILE:HD13	1:B:7:ALA:H	16	0.12
(1,164)	1:C:6:ILE:HD13	1:C:7:ALA:H	16	0.12
(1,164)	1:A:6:ILE:HD11	1:A:7:ALA:H	20	0.12
(1,164)	1:A:6:ILE:HD11	1:B:7:ALA:H	20	0.12
(1,164)	1:A:6:ILE:HD11	1:C:7:ALA:H	20	0.12
(1,164)	1:A:6:ILE:HD12	1:A:7:ALA:H	20	0.12
(1,164)	1:A:6:ILE:HD12	1:B:7:ALA:H	20	0.12
(1,164)	1:A:6:ILE:HD12	1:C:7:ALA:H	20	0.12
(1,164)	1:A:6:ILE:HD13	1:A:7:ALA:H	20	0.12
(1,164)	1:A:6:ILE:HD13	1:B:7:ALA:H	20	0.12
(1,164)	1:A:6:ILE:HD13	1:C:7:ALA:H	20	0.12
(1,164)	1:B:6:ILE:HD11	1:A:7:ALA:H	20	0.12
(1,164)	1:B:6:ILE:HD11	1:B:7:ALA:H	20	0.12
(1,164)	1:B:6:ILE:HD11	1:C:7:ALA:H	20	0.12
(1,164)	1:B:6:ILE:HD12	1:A:7:ALA:H	20	0.12
(1,164)	1:B:6:ILE:HD12	1:B:7:ALA:H	20	0.12
(1,164)	1:B:6:ILE:HD12	1:C:7:ALA:H	20	0.12
(1,164)	1:B:6:ILE:HD13	1:A:7:ALA:H	20	0.12
(1,164)	1:B:6:ILE:HD13	1:B:7:ALA:H	20	0.12
(1,164)	1:B:6:ILE:HD13	1:C:7:ALA:H	20	0.12
(1,164)	1:C:6:ILE:HD11	1:A:7:ALA:H	20	0.12
(1,164)	1:C:6:ILE:HD11	1:B:7:ALA:H	20	0.12
(1,164)	1:C:6:ILE:HD11	1:C:7:ALA:H	20	0.12
(1,164)	1:C:6:ILE:HD12	1:A:7:ALA:H	20	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,164)	1:C:6:ILE:HD12	1:B:7:ALA:H	20	0.12
(1,164)	1:C:6:ILE:HD12	1:C:7:ALA:H	20	0.12
(1,164)	1:C:6:ILE:HD13	1:A:7:ALA:H	20	0.12
(1,164)	1:C:6:ILE:HD13	1:B:7:ALA:H	20	0.12
(1,164)	1:C:6:ILE:HD13	1:C:7:ALA:H	20	0.12
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	4	0.12
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	4	0.12
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	4	0.12
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	4	0.12
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	4	0.12
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	4	0.12
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	4	0.12
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	4	0.12
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	4	0.12
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	7	0.12
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	7	0.12
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	7	0.12
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	7	0.12
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	7	0.12
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	7	0.12
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	7	0.12
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	7	0.12
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	7	0.12
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	8	0.12
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	8	0.12
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	8	0.12
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	8	0.12
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	8	0.12
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	8	0.12
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	8	0.12
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	8	0.12
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	8	0.12
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	16	0.12
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	16	0.12
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	16	0.12
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	16	0.12
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	16	0.12
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	16	0.12
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	16	0.12
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	16	0.12
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	16	0.12
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	17	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	17	0.12
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	17	0.12
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	17	0.12
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	17	0.12
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	17	0.12
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	17	0.12
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	17	0.12
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	17	0.12
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	19	0.12
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	19	0.12
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	19	0.12
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	19	0.12
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	19	0.12
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	19	0.12
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	19	0.12
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	19	0.12
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	19	0.12
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	3	0.12
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	3	0.12
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	3	0.12
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	3	0.12
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	3	0.12
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	3	0.12
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	3	0.12
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	3	0.12
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	3	0.12
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	5	0.12
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	5	0.12
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	5	0.12
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	5	0.12
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	5	0.12
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	5	0.12
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	5	0.12
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	5	0.12
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	5	0.12
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	12	0.12
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	12	0.12
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	12	0.12
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	12	0.12
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	12	0.12
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	12	0.12
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	12	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	12	0.12
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	12	0.12
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	15	0.12
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	15	0.12
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	15	0.12
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	15	0.12
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	15	0.12
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	15	0.12
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	15	0.12
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	15	0.12
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	15	0.12
(1,117)	1:A:4:GLY:H	1:A:5:ALA:H	5	0.12
(1,117)	1:A:4:GLY:H	1:B:5:ALA:H	5	0.12
(1,117)	1:A:4:GLY:H	1:C:5:ALA:H	5	0.12
(1,117)	1:B:4:GLY:H	1:A:5:ALA:H	5	0.12
(1,117)	1:B:4:GLY:H	1:B:5:ALA:H	5	0.12
(1,117)	1:B:4:GLY:H	1:C:5:ALA:H	5	0.12
(1,117)	1:C:4:GLY:H	1:A:5:ALA:H	5	0.12
(1,117)	1:C:4:GLY:H	1:B:5:ALA:H	5	0.12
(1,117)	1:C:4:GLY:H	1:C:5:ALA:H	5	0.12
(1,117)	1:A:4:GLY:H	1:A:5:ALA:H	6	0.12
(1,117)	1:A:4:GLY:H	1:B:5:ALA:H	6	0.12
(1,117)	1:A:4:GLY:H	1:C:5:ALA:H	6	0.12
(1,117)	1:B:4:GLY:H	1:A:5:ALA:H	6	0.12
(1,117)	1:B:4:GLY:H	1:B:5:ALA:H	6	0.12
(1,117)	1:B:4:GLY:H	1:C:5:ALA:H	6	0.12
(1,117)	1:C:4:GLY:H	1:A:5:ALA:H	6	0.12
(1,117)	1:C:4:GLY:H	1:B:5:ALA:H	6	0.12
(1,117)	1:C:4:GLY:H	1:C:5:ALA:H	6	0.12
(1,115)	1:A:4:GLY:H	1:A:3:PHE:H	3	0.12
(1,115)	1:A:4:GLY:H	1:B:3:PHE:H	3	0.12
(1,115)	1:A:4:GLY:H	1:C:3:PHE:H	3	0.12
(1,115)	1:B:4:GLY:H	1:A:3:PHE:H	3	0.12
(1,115)	1:B:4:GLY:H	1:B:3:PHE:H	3	0.12
(1,115)	1:B:4:GLY:H	1:C:3:PHE:H	3	0.12
(1,115)	1:C:4:GLY:H	1:A:3:PHE:H	3	0.12
(1,115)	1:C:4:GLY:H	1:B:3:PHE:H	3	0.12
(1,115)	1:C:4:GLY:H	1:C:3:PHE:H	3	0.12
(1,115)	1:A:4:GLY:H	1:A:3:PHE:H	7	0.12
(1,115)	1:A:4:GLY:H	1:B:3:PHE:H	7	0.12
(1,115)	1:A:4:GLY:H	1:C:3:PHE:H	7	0.12
(1,115)	1:B:4:GLY:H	1:A:3:PHE:H	7	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,115)	1:B:4:GLY:H	1:B:3:PHE:H	7	0.12
(1,115)	1:B:4:GLY:H	1:C:3:PHE:H	7	0.12
(1,115)	1:C:4:GLY:H	1:A:3:PHE:H	7	0.12
(1,115)	1:C:4:GLY:H	1:B:3:PHE:H	7	0.12
(1,115)	1:C:4:GLY:H	1:C:3:PHE:H	7	0.12
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	2	0.12
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	2	0.12
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	2	0.12
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	2	0.12
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	2	0.12
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	2	0.12
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	2	0.12
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	2	0.12
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	2	0.12
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	3	0.12
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	3	0.12
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	3	0.12
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	3	0.12
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	3	0.12
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	3	0.12
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	3	0.12
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	3	0.12
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	3	0.12
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	5	0.12
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	5	0.12
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	5	0.12
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	5	0.12
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	5	0.12
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	5	0.12
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	5	0.12
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	5	0.12
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	5	0.12
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	8	0.12
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	8	0.12
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	8	0.12
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	8	0.12
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	8	0.12
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	8	0.12
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	8	0.12
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	8	0.12
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	8	0.12
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	12	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	12	0.12
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	12	0.12
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	12	0.12
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	12	0.12
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	12	0.12
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	12	0.12
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	12	0.12
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	12	0.12
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	14	0.12
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	14	0.12
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	14	0.12
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	14	0.12
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	14	0.12
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	14	0.12
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	14	0.12
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	14	0.12
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	14	0.12
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	19	0.12
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	19	0.12
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	19	0.12
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	19	0.12
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	19	0.12
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	19	0.12
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	19	0.12
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	19	0.12
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	19	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	2	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	2	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	2	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	2	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	2	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	2	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	2	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	2	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	2	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	2	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	2	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	2	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	2	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	2	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	2	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	2	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	2	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	2	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	2	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	2	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	2	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	2	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	2	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	2	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	2	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	2	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	2	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	2	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	2	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	2	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	2	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	2	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	2	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	2	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	2	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	3	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	3	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	3	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	3	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	3	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	3	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	3	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	3	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	3	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	3	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	3	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	3	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	3	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	3	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	3	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	3	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	3	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	3	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	3	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	3	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	3	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	3	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	3	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	3	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	3	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	3	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	3	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	3	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	3	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	3	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	3	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	3	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	3	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	3	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	3	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	3	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	5	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	5	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	5	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	5	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	5	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	5	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	5	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	5	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	5	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	5	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	5	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	5	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	5	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	5	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	5	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	5	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	5	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	5	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	5	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	5	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	5	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	5	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	5	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	5	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	5	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	5	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	5	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	5	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	5	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	5	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	5	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	5	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	5	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	5	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	5	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	5	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	6	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	6	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	6	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	6	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	6	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	6	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	6	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	6	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	6	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	6	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	6	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	6	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	6	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	6	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	6	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	6	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	6	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	6	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	6	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	6	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	6	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	6	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	6	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	6	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	6	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	6	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	6	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	6	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	6	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	6	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	6	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	6	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	6	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	6	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	6	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	7	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	7	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	7	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	7	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	7	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	7	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	7	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	7	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	7	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	7	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	7	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	7	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	7	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	7	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	7	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	7	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	7	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	7	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	7	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	7	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	7	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	7	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	7	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	7	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	7	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	7	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	7	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	7	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	7	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	7	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	7	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	7	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	7	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	7	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	7	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	7	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	8	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	8	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	8	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	8	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	8	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	8	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	8	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	8	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	8	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	8	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	8	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	8	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	8	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	8	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	8	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	8	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	8	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	8	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	8	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	8	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	8	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	8	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	8	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	8	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	8	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	8	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	8	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	8	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	8	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	8	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	8	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	8	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	8	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	8	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	8	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	8	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	11	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	11	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	11	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	11	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	11	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	11	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	11	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	11	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	11	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	11	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	11	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	11	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	11	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	11	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	11	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	11	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	11	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	11	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	11	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	11	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	11	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	11	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	11	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	11	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	11	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	11	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	11	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	11	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	11	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	11	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	11	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	11	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	11	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	11	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	11	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	11	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	12	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	12	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	12	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	12	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	12	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	12	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	12	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	12	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	12	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	12	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	12	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	12	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	12	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	12	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	12	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	12	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	12	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	12	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	12	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	12	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	12	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	12	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	12	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	12	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	12	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	12	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	12	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	12	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	12	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	12	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	12	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	12	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	12	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	12	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	12	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	12	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	13	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	13	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	13	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	13	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	13	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	13	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	13	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	13	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	13	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	13	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	13	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	13	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	13	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	13	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	13	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	13	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	13	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	13	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	13	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	13	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	13	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	13	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	13	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	13	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	13	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	13	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	13	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	13	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	13	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	13	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	13	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	13	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	13	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	13	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	13	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	13	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	15	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	15	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	15	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	15	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	15	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	15	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	15	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	15	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	15	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	15	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	15	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	15	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	15	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	15	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	15	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	15	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	15	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	15	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	15	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	15	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	15	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	15	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	15	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	15	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	15	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	15	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	15	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	15	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	15	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	15	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	15	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	15	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	15	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	15	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	15	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	15	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	18	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	18	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	18	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	18	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	18	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	18	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	18	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	18	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	18	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	18	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	18	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	18	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	18	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	18	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	18	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	18	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	18	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	18	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	18	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	18	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	18	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	18	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	18	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	18	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	18	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	18	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	18	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	18	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	18	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	18	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	18	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	18	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	18	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	18	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	18	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	18	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	19	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	19	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	19	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	19	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	19	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	19	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	19	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	19	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	19	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	19	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	19	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	19	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	19	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	19	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	19	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	19	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	19	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	19	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	19	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	19	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	19	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	19	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	19	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	19	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	19	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	19	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	19	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	19	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	19	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	19	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	19	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	19	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	19	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	19	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	19	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	19	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB2	20	0.12
(1,104)	1:A:22:TYR:HE1	1:A:22:TYR:HB3	20	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB2	20	0.12
(1,104)	1:A:22:TYR:HE1	1:B:22:TYR:HB3	20	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB2	20	0.12
(1,104)	1:A:22:TYR:HE1	1:C:22:TYR:HB3	20	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB2	20	0.12
(1,104)	1:A:22:TYR:HE2	1:A:22:TYR:HB3	20	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB2	20	0.12
(1,104)	1:A:22:TYR:HE2	1:B:22:TYR:HB3	20	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB2	20	0.12
(1,104)	1:A:22:TYR:HE2	1:C:22:TYR:HB3	20	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB2	20	0.12
(1,104)	1:B:22:TYR:HE1	1:A:22:TYR:HB3	20	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB2	20	0.12
(1,104)	1:B:22:TYR:HE1	1:B:22:TYR:HB3	20	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB2	20	0.12
(1,104)	1:B:22:TYR:HE1	1:C:22:TYR:HB3	20	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB2	20	0.12
(1,104)	1:B:22:TYR:HE2	1:A:22:TYR:HB3	20	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB2	20	0.12
(1,104)	1:B:22:TYR:HE2	1:B:22:TYR:HB3	20	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB2	20	0.12
(1,104)	1:B:22:TYR:HE2	1:C:22:TYR:HB3	20	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB2	20	0.12
(1,104)	1:C:22:TYR:HE1	1:A:22:TYR:HB3	20	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB2	20	0.12
(1,104)	1:C:22:TYR:HE1	1:B:22:TYR:HB3	20	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB2	20	0.12
(1,104)	1:C:22:TYR:HE1	1:C:22:TYR:HB3	20	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB2	20	0.12
(1,104)	1:C:22:TYR:HE2	1:A:22:TYR:HB3	20	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB2	20	0.12
(1,104)	1:C:22:TYR:HE2	1:B:22:TYR:HB3	20	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB2	20	0.12
(1,104)	1:C:22:TYR:HE2	1:C:22:TYR:HB3	20	0.12
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG21	15	0.11
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG22	15	0.11
(1,97)	1:A:14:TRP:HZ3	1:A:15:THR:HG23	15	0.11
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG21	15	0.11
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG22	15	0.11
(1,97)	1:A:14:TRP:HZ3	1:B:15:THR:HG23	15	0.11
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG21	15	0.11
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG22	15	0.11
(1,97)	1:A:14:TRP:HZ3	1:C:15:THR:HG23	15	0.11
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG21	15	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG22	15	0.11
(1,97)	1:B:14:TRP:HZ3	1:A:15:THR:HG23	15	0.11
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG21	15	0.11
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG22	15	0.11
(1,97)	1:B:14:TRP:HZ3	1:B:15:THR:HG23	15	0.11
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG21	15	0.11
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG22	15	0.11
(1,97)	1:B:14:TRP:HZ3	1:C:15:THR:HG23	15	0.11
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG21	15	0.11
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG22	15	0.11
(1,97)	1:C:14:TRP:HZ3	1:A:15:THR:HG23	15	0.11
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG21	15	0.11
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG22	15	0.11
(1,97)	1:C:14:TRP:HZ3	1:B:15:THR:HG23	15	0.11
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG21	15	0.11
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG22	15	0.11
(1,97)	1:C:14:TRP:HZ3	1:C:15:THR:HG23	15	0.11
(1,76)	1:A:21:TRP:HE3	1:A:21:TRP:HA	4	0.11
(1,76)	1:A:21:TRP:HE3	1:B:21:TRP:HA	4	0.11
(1,76)	1:A:21:TRP:HE3	1:C:21:TRP:HA	4	0.11
(1,76)	1:B:21:TRP:HE3	1:A:21:TRP:HA	4	0.11
(1,76)	1:B:21:TRP:HE3	1:B:21:TRP:HA	4	0.11
(1,76)	1:B:21:TRP:HE3	1:C:21:TRP:HA	4	0.11
(1,76)	1:C:21:TRP:HE3	1:A:21:TRP:HA	4	0.11
(1,76)	1:C:21:TRP:HE3	1:B:21:TRP:HA	4	0.11
(1,76)	1:C:21:TRP:HE3	1:C:21:TRP:HA	4	0.11
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	1	0.11
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	1	0.11
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	1	0.11
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	1	0.11
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	1	0.11
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	1	0.11
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	1	0.11
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	1	0.11
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	1	0.11
(1,75)	1:A:21:TRP:HD1	1:A:21:TRP:HA	9	0.11
(1,75)	1:A:21:TRP:HD1	1:B:21:TRP:HA	9	0.11
(1,75)	1:A:21:TRP:HD1	1:C:21:TRP:HA	9	0.11
(1,75)	1:B:21:TRP:HD1	1:A:21:TRP:HA	9	0.11
(1,75)	1:B:21:TRP:HD1	1:B:21:TRP:HA	9	0.11
(1,75)	1:B:21:TRP:HD1	1:C:21:TRP:HA	9	0.11
(1,75)	1:C:21:TRP:HD1	1:A:21:TRP:HA	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,75)	1:C:21:TRP:HD1	1:B:21:TRP:HA	9	0.11
(1,75)	1:C:21:TRP:HD1	1:C:21:TRP:HA	9	0.11
(1,74)	1:A:14:TRP:HE3	1:A:15:THR:HA	14	0.11
(1,74)	1:A:14:TRP:HE3	1:B:15:THR:HA	14	0.11
(1,74)	1:A:14:TRP:HE3	1:C:15:THR:HA	14	0.11
(1,74)	1:B:14:TRP:HE3	1:A:15:THR:HA	14	0.11
(1,74)	1:B:14:TRP:HE3	1:B:15:THR:HA	14	0.11
(1,74)	1:B:14:TRP:HE3	1:C:15:THR:HA	14	0.11
(1,74)	1:C:14:TRP:HE3	1:A:15:THR:HA	14	0.11
(1,74)	1:C:14:TRP:HE3	1:B:15:THR:HA	14	0.11
(1,74)	1:C:14:TRP:HE3	1:C:15:THR:HA	14	0.11
(1,69)	1:A:9:PHE:HD1	1:A:9:PHE:HA	8	0.11
(1,69)	1:A:9:PHE:HD1	1:B:9:PHE:HA	8	0.11
(1,69)	1:A:9:PHE:HD1	1:C:9:PHE:HA	8	0.11
(1,69)	1:A:9:PHE:HD2	1:A:9:PHE:HA	8	0.11
(1,69)	1:A:9:PHE:HD2	1:B:9:PHE:HA	8	0.11
(1,69)	1:A:9:PHE:HD2	1:C:9:PHE:HA	8	0.11
(1,69)	1:A:9:PHE:HE1	1:A:9:PHE:HA	8	0.11
(1,69)	1:A:9:PHE:HE1	1:B:9:PHE:HA	8	0.11
(1,69)	1:A:9:PHE:HE1	1:C:9:PHE:HA	8	0.11
(1,69)	1:A:9:PHE:HE2	1:A:9:PHE:HA	8	0.11
(1,69)	1:A:9:PHE:HE2	1:B:9:PHE:HA	8	0.11
(1,69)	1:A:9:PHE:HE2	1:C:9:PHE:HA	8	0.11
(1,69)	1:A:9:PHE:HZ	1:A:9:PHE:HA	8	0.11
(1,69)	1:A:9:PHE:HZ	1:B:9:PHE:HA	8	0.11
(1,69)	1:A:9:PHE:HZ	1:C:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HD1	1:A:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HD1	1:B:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HD1	1:C:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HD2	1:A:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HD2	1:B:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HD2	1:C:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HE1	1:A:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HE1	1:B:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HE1	1:C:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HE2	1:A:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HE2	1:B:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HE2	1:C:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HZ	1:A:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HZ	1:B:9:PHE:HA	8	0.11
(1,69)	1:B:9:PHE:HZ	1:C:9:PHE:HA	8	0.11
(1,69)	1:C:9:PHE:HD1	1:A:9:PHE:HA	8	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:C:9:PHE:HD1	1:B:9:PHE:HA	8	0.11
(1,69)	1:C:9:PHE:HD1	1:C:9:PHE:HA	8	0.11
(1,69)	1:C:9:PHE:HD2	1:A:9:PHE:HA	8	0.11
(1,69)	1:C:9:PHE:HD2	1:B:9:PHE:HA	8	0.11
(1,69)	1:C:9:PHE:HD2	1:C:9:PHE:HA	8	0.11
(1,69)	1:C:9:PHE:HE1	1:A:9:PHE:HA	8	0.11
(1,69)	1:C:9:PHE:HE1	1:B:9:PHE:HA	8	0.11
(1,69)	1:C:9:PHE:HE1	1:C:9:PHE:HA	8	0.11
(1,69)	1:C:9:PHE:HE2	1:A:9:PHE:HA	8	0.11
(1,69)	1:C:9:PHE:HE2	1:B:9:PHE:HA	8	0.11
(1,69)	1:C:9:PHE:HE2	1:C:9:PHE:HA	8	0.11
(1,69)	1:C:9:PHE:HZ	1:A:9:PHE:HA	8	0.11
(1,69)	1:C:9:PHE:HZ	1:B:9:PHE:HA	8	0.11
(1,69)	1:C:9:PHE:HZ	1:C:9:PHE:HA	8	0.11
(1,62)	1:A:18:ILE:HD11	1:A:18:ILE:HB	9	0.11
(1,62)	1:A:18:ILE:HD11	1:B:18:ILE:HB	9	0.11
(1,62)	1:A:18:ILE:HD11	1:C:18:ILE:HB	9	0.11
(1,62)	1:A:18:ILE:HD12	1:A:18:ILE:HB	9	0.11
(1,62)	1:A:18:ILE:HD12	1:B:18:ILE:HB	9	0.11
(1,62)	1:A:18:ILE:HD12	1:C:18:ILE:HB	9	0.11
(1,62)	1:A:18:ILE:HD13	1:A:18:ILE:HB	9	0.11
(1,62)	1:A:18:ILE:HD13	1:B:18:ILE:HB	9	0.11
(1,62)	1:A:18:ILE:HD13	1:C:18:ILE:HB	9	0.11
(1,62)	1:B:18:ILE:HD11	1:A:18:ILE:HB	9	0.11
(1,62)	1:B:18:ILE:HD11	1:B:18:ILE:HB	9	0.11
(1,62)	1:B:18:ILE:HD11	1:C:18:ILE:HB	9	0.11
(1,62)	1:B:18:ILE:HD12	1:A:18:ILE:HB	9	0.11
(1,62)	1:B:18:ILE:HD12	1:B:18:ILE:HB	9	0.11
(1,62)	1:B:18:ILE:HD12	1:C:18:ILE:HB	9	0.11
(1,62)	1:B:18:ILE:HD13	1:A:18:ILE:HB	9	0.11
(1,62)	1:B:18:ILE:HD13	1:B:18:ILE:HB	9	0.11
(1,62)	1:B:18:ILE:HD13	1:C:18:ILE:HB	9	0.11
(1,62)	1:C:18:ILE:HD11	1:A:18:ILE:HB	9	0.11
(1,62)	1:C:18:ILE:HD11	1:B:18:ILE:HB	9	0.11
(1,62)	1:C:18:ILE:HD11	1:C:18:ILE:HB	9	0.11
(1,62)	1:C:18:ILE:HD12	1:A:18:ILE:HB	9	0.11
(1,62)	1:C:18:ILE:HD12	1:B:18:ILE:HB	9	0.11
(1,62)	1:C:18:ILE:HD12	1:C:18:ILE:HB	9	0.11
(1,62)	1:C:18:ILE:HD13	1:A:18:ILE:HB	9	0.11
(1,62)	1:C:18:ILE:HD13	1:B:18:ILE:HB	9	0.11
(1,62)	1:C:18:ILE:HD13	1:C:18:ILE:HB	9	0.11
(1,62)	1:A:18:ILE:HD11	1:A:18:ILE:HB	11	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,62)	1:A:18:ILE:HD11	1:B:18:ILE:HB	11	0.11
(1,62)	1:A:18:ILE:HD11	1:C:18:ILE:HB	11	0.11
(1,62)	1:A:18:ILE:HD12	1:A:18:ILE:HB	11	0.11
(1,62)	1:A:18:ILE:HD12	1:B:18:ILE:HB	11	0.11
(1,62)	1:A:18:ILE:HD12	1:C:18:ILE:HB	11	0.11
(1,62)	1:A:18:ILE:HD13	1:A:18:ILE:HB	11	0.11
(1,62)	1:A:18:ILE:HD13	1:B:18:ILE:HB	11	0.11
(1,62)	1:A:18:ILE:HD13	1:C:18:ILE:HB	11	0.11
(1,62)	1:B:18:ILE:HD11	1:A:18:ILE:HB	11	0.11
(1,62)	1:B:18:ILE:HD11	1:B:18:ILE:HB	11	0.11
(1,62)	1:B:18:ILE:HD11	1:C:18:ILE:HB	11	0.11
(1,62)	1:B:18:ILE:HD12	1:A:18:ILE:HB	11	0.11
(1,62)	1:B:18:ILE:HD12	1:B:18:ILE:HB	11	0.11
(1,62)	1:B:18:ILE:HD12	1:C:18:ILE:HB	11	0.11
(1,62)	1:B:18:ILE:HD13	1:A:18:ILE:HB	11	0.11
(1,62)	1:B:18:ILE:HD13	1:B:18:ILE:HB	11	0.11
(1,62)	1:B:18:ILE:HD13	1:C:18:ILE:HB	11	0.11
(1,62)	1:C:18:ILE:HD11	1:A:18:ILE:HB	11	0.11
(1,62)	1:C:18:ILE:HD11	1:B:18:ILE:HB	11	0.11
(1,62)	1:C:18:ILE:HD11	1:C:18:ILE:HB	11	0.11
(1,62)	1:C:18:ILE:HD12	1:A:18:ILE:HB	11	0.11
(1,62)	1:C:18:ILE:HD12	1:B:18:ILE:HB	11	0.11
(1,62)	1:C:18:ILE:HD12	1:C:18:ILE:HB	11	0.11
(1,62)	1:C:18:ILE:HD13	1:A:18:ILE:HB	11	0.11
(1,62)	1:C:18:ILE:HD13	1:B:18:ILE:HB	11	0.11
(1,62)	1:C:18:ILE:HD13	1:C:18:ILE:HB	11	0.11
(1,62)	1:A:18:ILE:HD11	1:A:18:ILE:HB	16	0.11
(1,62)	1:A:18:ILE:HD11	1:B:18:ILE:HB	16	0.11
(1,62)	1:A:18:ILE:HD11	1:C:18:ILE:HB	16	0.11
(1,62)	1:A:18:ILE:HD12	1:A:18:ILE:HB	16	0.11
(1,62)	1:A:18:ILE:HD12	1:B:18:ILE:HB	16	0.11
(1,62)	1:A:18:ILE:HD12	1:C:18:ILE:HB	16	0.11
(1,62)	1:A:18:ILE:HD13	1:A:18:ILE:HB	16	0.11
(1,62)	1:A:18:ILE:HD13	1:B:18:ILE:HB	16	0.11
(1,62)	1:A:18:ILE:HD13	1:C:18:ILE:HB	16	0.11
(1,62)	1:B:18:ILE:HD11	1:A:18:ILE:HB	16	0.11
(1,62)	1:B:18:ILE:HD11	1:B:18:ILE:HB	16	0.11
(1,62)	1:B:18:ILE:HD11	1:C:18:ILE:HB	16	0.11
(1,62)	1:B:18:ILE:HD12	1:A:18:ILE:HB	16	0.11
(1,62)	1:B:18:ILE:HD12	1:B:18:ILE:HB	16	0.11
(1,62)	1:B:18:ILE:HD12	1:C:18:ILE:HB	16	0.11
(1,62)	1:B:18:ILE:HD13	1:A:18:ILE:HB	16	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,62)	1:B:18:ILE:HD13	1:B:18:ILE:HB	16	0.11
(1,62)	1:B:18:ILE:HD13	1:C:18:ILE:HB	16	0.11
(1,62)	1:C:18:ILE:HD11	1:A:18:ILE:HB	16	0.11
(1,62)	1:C:18:ILE:HD11	1:B:18:ILE:HB	16	0.11
(1,62)	1:C:18:ILE:HD11	1:C:18:ILE:HB	16	0.11
(1,62)	1:C:18:ILE:HD12	1:A:18:ILE:HB	16	0.11
(1,62)	1:C:18:ILE:HD12	1:B:18:ILE:HB	16	0.11
(1,62)	1:C:18:ILE:HD12	1:C:18:ILE:HB	16	0.11
(1,62)	1:C:18:ILE:HD13	1:A:18:ILE:HB	16	0.11
(1,62)	1:C:18:ILE:HD13	1:B:18:ILE:HB	16	0.11
(1,62)	1:C:18:ILE:HD13	1:C:18:ILE:HB	16	0.11
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB2	7	0.11
(1,50)	1:A:8:ALA:HB1	1:A:9:PHE:HB3	7	0.11
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB2	7	0.11
(1,50)	1:A:8:ALA:HB1	1:B:9:PHE:HB3	7	0.11
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB2	7	0.11
(1,50)	1:A:8:ALA:HB1	1:C:9:PHE:HB3	7	0.11
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB2	7	0.11
(1,50)	1:A:8:ALA:HB2	1:A:9:PHE:HB3	7	0.11
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB2	7	0.11
(1,50)	1:A:8:ALA:HB2	1:B:9:PHE:HB3	7	0.11
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB2	7	0.11
(1,50)	1:A:8:ALA:HB2	1:C:9:PHE:HB3	7	0.11
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB2	7	0.11
(1,50)	1:A:8:ALA:HB3	1:A:9:PHE:HB3	7	0.11
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB2	7	0.11
(1,50)	1:A:8:ALA:HB3	1:B:9:PHE:HB3	7	0.11
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB2	7	0.11
(1,50)	1:A:8:ALA:HB3	1:C:9:PHE:HB3	7	0.11
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB2	7	0.11
(1,50)	1:B:8:ALA:HB1	1:A:9:PHE:HB3	7	0.11
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB2	7	0.11
(1,50)	1:B:8:ALA:HB1	1:B:9:PHE:HB3	7	0.11
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB2	7	0.11
(1,50)	1:B:8:ALA:HB1	1:C:9:PHE:HB3	7	0.11
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB2	7	0.11
(1,50)	1:B:8:ALA:HB2	1:A:9:PHE:HB3	7	0.11
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB2	7	0.11
(1,50)	1:B:8:ALA:HB2	1:B:9:PHE:HB3	7	0.11
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB2	7	0.11
(1,50)	1:B:8:ALA:HB2	1:C:9:PHE:HB3	7	0.11
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB2	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,50)	1:B:8:ALA:HB3	1:A:9:PHE:HB3	7	0.11
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB2	7	0.11
(1,50)	1:B:8:ALA:HB3	1:B:9:PHE:HB3	7	0.11
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB2	7	0.11
(1,50)	1:B:8:ALA:HB3	1:C:9:PHE:HB3	7	0.11
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB2	7	0.11
(1,50)	1:C:8:ALA:HB1	1:A:9:PHE:HB3	7	0.11
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB2	7	0.11
(1,50)	1:C:8:ALA:HB1	1:B:9:PHE:HB3	7	0.11
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB2	7	0.11
(1,50)	1:C:8:ALA:HB1	1:C:9:PHE:HB3	7	0.11
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB2	7	0.11
(1,50)	1:C:8:ALA:HB2	1:A:9:PHE:HB3	7	0.11
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB2	7	0.11
(1,50)	1:C:8:ALA:HB2	1:B:9:PHE:HB3	7	0.11
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB2	7	0.11
(1,50)	1:C:8:ALA:HB2	1:C:9:PHE:HB3	7	0.11
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB2	7	0.11
(1,50)	1:C:8:ALA:HB3	1:A:9:PHE:HB3	7	0.11
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB2	7	0.11
(1,50)	1:C:8:ALA:HB3	1:B:9:PHE:HB3	7	0.11
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB2	7	0.11
(1,50)	1:C:8:ALA:HB3	1:C:9:PHE:HB3	7	0.11
(1,309)	1:A:5:ALA:HB1	1:A:21:TRP:HE3	10	0.11
(1,309)	1:A:5:ALA:HB1	1:B:21:TRP:HE3	10	0.11
(1,309)	1:A:5:ALA:HB1	1:C:21:TRP:HE3	10	0.11
(1,309)	1:A:5:ALA:HB2	1:A:21:TRP:HE3	10	0.11
(1,309)	1:A:5:ALA:HB2	1:B:21:TRP:HE3	10	0.11
(1,309)	1:A:5:ALA:HB2	1:C:21:TRP:HE3	10	0.11
(1,309)	1:A:5:ALA:HB3	1:A:21:TRP:HE3	10	0.11
(1,309)	1:A:5:ALA:HB3	1:B:21:TRP:HE3	10	0.11
(1,309)	1:A:5:ALA:HB3	1:C:21:TRP:HE3	10	0.11
(1,309)	1:B:5:ALA:HB1	1:A:21:TRP:HE3	10	0.11
(1,309)	1:B:5:ALA:HB1	1:B:21:TRP:HE3	10	0.11
(1,309)	1:B:5:ALA:HB1	1:C:21:TRP:HE3	10	0.11
(1,309)	1:B:5:ALA:HB2	1:A:21:TRP:HE3	10	0.11
(1,309)	1:B:5:ALA:HB2	1:B:21:TRP:HE3	10	0.11
(1,309)	1:B:5:ALA:HB2	1:C:21:TRP:HE3	10	0.11
(1,309)	1:B:5:ALA:HB3	1:A:21:TRP:HE3	10	0.11
(1,309)	1:B:5:ALA:HB3	1:B:21:TRP:HE3	10	0.11
(1,309)	1:B:5:ALA:HB3	1:C:21:TRP:HE3	10	0.11
(1,309)	1:C:5:ALA:HB1	1:A:21:TRP:HE3	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,309)	1:C:5:ALA:HB1	1:B:21:TRP:HE3	10	0.11
(1,309)	1:C:5:ALA:HB1	1:C:21:TRP:HE3	10	0.11
(1,309)	1:C:5:ALA:HB2	1:A:21:TRP:HE3	10	0.11
(1,309)	1:C:5:ALA:HB2	1:B:21:TRP:HE3	10	0.11
(1,309)	1:C:5:ALA:HB2	1:C:21:TRP:HE3	10	0.11
(1,309)	1:C:5:ALA:HB3	1:A:21:TRP:HE3	10	0.11
(1,309)	1:C:5:ALA:HB3	1:B:21:TRP:HE3	10	0.11
(1,309)	1:C:5:ALA:HB3	1:C:21:TRP:HE3	10	0.11
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG21	3	0.11
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG22	3	0.11
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG23	3	0.11
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG21	3	0.11
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG22	3	0.11
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG23	3	0.11
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG21	3	0.11
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG22	3	0.11
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG23	3	0.11
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG21	3	0.11
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG22	3	0.11
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG23	3	0.11
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG21	3	0.11
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG22	3	0.11
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG23	3	0.11
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG21	3	0.11
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG22	3	0.11
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG23	3	0.11
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG21	3	0.11
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG22	3	0.11
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG23	3	0.11
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG21	3	0.11
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG22	3	0.11
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG23	3	0.11
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG21	3	0.11
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG22	3	0.11
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG23	3	0.11
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG21	3	0.11
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG22	3	0.11
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG23	3	0.11
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG21	3	0.11
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG22	3	0.11
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG23	3	0.11
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG21	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG22	3	0.11
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG23	3	0.11
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG21	3	0.11
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG22	3	0.11
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG23	3	0.11
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG21	3	0.11
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG22	3	0.11
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG23	3	0.11
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG21	3	0.11
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG22	3	0.11
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG23	3	0.11
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG21	3	0.11
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG22	3	0.11
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG23	3	0.11
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG21	3	0.11
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG22	3	0.11
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG23	3	0.11
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG21	3	0.11
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG22	3	0.11
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG23	3	0.11
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG21	16	0.11
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG22	16	0.11
(1,275)	1:A:22:TYR:HD1	1:A:18:ILE:HG23	16	0.11
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG21	16	0.11
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG22	16	0.11
(1,275)	1:A:22:TYR:HD1	1:B:18:ILE:HG23	16	0.11
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG21	16	0.11
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG22	16	0.11
(1,275)	1:A:22:TYR:HD1	1:C:18:ILE:HG23	16	0.11
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG21	16	0.11
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG22	16	0.11
(1,275)	1:A:22:TYR:HD2	1:A:18:ILE:HG23	16	0.11
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG21	16	0.11
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG22	16	0.11
(1,275)	1:A:22:TYR:HD2	1:B:18:ILE:HG23	16	0.11
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG21	16	0.11
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG22	16	0.11
(1,275)	1:A:22:TYR:HD2	1:C:18:ILE:HG23	16	0.11
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG21	16	0.11
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG22	16	0.11
(1,275)	1:B:22:TYR:HD1	1:A:18:ILE:HG23	16	0.11
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG21	16	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG22	16	0.11
(1,275)	1:B:22:TYR:HD1	1:B:18:ILE:HG23	16	0.11
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG21	16	0.11
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG22	16	0.11
(1,275)	1:B:22:TYR:HD1	1:C:18:ILE:HG23	16	0.11
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG21	16	0.11
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG22	16	0.11
(1,275)	1:B:22:TYR:HD2	1:A:18:ILE:HG23	16	0.11
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG21	16	0.11
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG22	16	0.11
(1,275)	1:B:22:TYR:HD2	1:B:18:ILE:HG23	16	0.11
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG21	16	0.11
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG22	16	0.11
(1,275)	1:B:22:TYR:HD2	1:C:18:ILE:HG23	16	0.11
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG21	16	0.11
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG22	16	0.11
(1,275)	1:C:22:TYR:HD1	1:A:18:ILE:HG23	16	0.11
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG21	16	0.11
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG22	16	0.11
(1,275)	1:C:22:TYR:HD1	1:B:18:ILE:HG23	16	0.11
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG21	16	0.11
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG22	16	0.11
(1,275)	1:C:22:TYR:HD1	1:C:18:ILE:HG23	16	0.11
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG21	16	0.11
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG22	16	0.11
(1,275)	1:C:22:TYR:HD2	1:A:18:ILE:HG23	16	0.11
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG21	16	0.11
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG22	16	0.11
(1,275)	1:C:22:TYR:HD2	1:B:18:ILE:HG23	16	0.11
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG21	16	0.11
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG22	16	0.11
(1,275)	1:C:22:TYR:HD2	1:C:18:ILE:HG23	16	0.11
(1,270)	1:A:14:TRP:HE3	1:A:18:ILE:HG12	19	0.11
(1,270)	1:A:14:TRP:HE3	1:A:18:ILE:HG13	19	0.11
(1,270)	1:A:14:TRP:HE3	1:B:18:ILE:HG12	19	0.11
(1,270)	1:A:14:TRP:HE3	1:B:18:ILE:HG13	19	0.11
(1,270)	1:A:14:TRP:HE3	1:C:18:ILE:HG12	19	0.11
(1,270)	1:A:14:TRP:HE3	1:C:18:ILE:HG13	19	0.11
(1,270)	1:B:14:TRP:HE3	1:A:18:ILE:HG12	19	0.11
(1,270)	1:B:14:TRP:HE3	1:A:18:ILE:HG13	19	0.11
(1,270)	1:B:14:TRP:HE3	1:B:18:ILE:HG12	19	0.11
(1,270)	1:B:14:TRP:HE3	1:B:18:ILE:HG13	19	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,270)	1:B:14:TRP:HE3	1:C:18:ILE:HG12	19	0.11
(1,270)	1:B:14:TRP:HE3	1:C:18:ILE:HG13	19	0.11
(1,270)	1:C:14:TRP:HE3	1:A:18:ILE:HG12	19	0.11
(1,270)	1:C:14:TRP:HE3	1:A:18:ILE:HG13	19	0.11
(1,270)	1:C:14:TRP:HE3	1:B:18:ILE:HG12	19	0.11
(1,270)	1:C:14:TRP:HE3	1:B:18:ILE:HG13	19	0.11
(1,270)	1:C:14:TRP:HE3	1:C:18:ILE:HG12	19	0.11
(1,270)	1:C:14:TRP:HE3	1:C:18:ILE:HG13	19	0.11
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD11	5	0.11
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD12	5	0.11
(1,264)	1:A:14:TRP:HZ2	1:A:18:ILE:HD13	5	0.11
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD11	5	0.11
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD12	5	0.11
(1,264)	1:A:14:TRP:HZ2	1:B:18:ILE:HD13	5	0.11
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD11	5	0.11
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD12	5	0.11
(1,264)	1:A:14:TRP:HZ2	1:C:18:ILE:HD13	5	0.11
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD11	5	0.11
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD12	5	0.11
(1,264)	1:B:14:TRP:HZ2	1:A:18:ILE:HD13	5	0.11
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD11	5	0.11
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD12	5	0.11
(1,264)	1:B:14:TRP:HZ2	1:B:18:ILE:HD13	5	0.11
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD11	5	0.11
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD12	5	0.11
(1,264)	1:B:14:TRP:HZ2	1:C:18:ILE:HD13	5	0.11
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD11	5	0.11
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD12	5	0.11
(1,264)	1:C:14:TRP:HZ2	1:A:18:ILE:HD13	5	0.11
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD11	5	0.11
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD12	5	0.11
(1,264)	1:C:14:TRP:HZ2	1:B:18:ILE:HD13	5	0.11
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD11	5	0.11
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD12	5	0.11
(1,264)	1:C:14:TRP:HZ2	1:C:18:ILE:HD13	5	0.11
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE1	8	0.11
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE2	8	0.11
(1,253)	1:A:14:TRP:HH2	1:A:17:MET:HE3	8	0.11
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE1	8	0.11
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE2	8	0.11
(1,253)	1:A:14:TRP:HH2	1:B:17:MET:HE3	8	0.11
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE1	8	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE2	8	0.11
(1,253)	1:A:14:TRP:HH2	1:C:17:MET:HE3	8	0.11
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE1	8	0.11
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE2	8	0.11
(1,253)	1:B:14:TRP:HH2	1:A:17:MET:HE3	8	0.11
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE1	8	0.11
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE2	8	0.11
(1,253)	1:B:14:TRP:HH2	1:B:17:MET:HE3	8	0.11
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE1	8	0.11
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE2	8	0.11
(1,253)	1:B:14:TRP:HH2	1:C:17:MET:HE3	8	0.11
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE1	8	0.11
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE2	8	0.11
(1,253)	1:C:14:TRP:HH2	1:A:17:MET:HE3	8	0.11
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE1	8	0.11
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE2	8	0.11
(1,253)	1:C:14:TRP:HH2	1:B:17:MET:HE3	8	0.11
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE1	8	0.11
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE2	8	0.11
(1,253)	1:C:14:TRP:HH2	1:C:17:MET:HE3	8	0.11
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	4	0.11
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	4	0.11
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	4	0.11
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	4	0.11
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	4	0.11
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	4	0.11
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	4	0.11
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	4	0.11
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	4	0.11
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	4	0.11
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	4	0.11
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	4	0.11
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	4	0.11
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	4	0.11
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	4	0.11
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	4	0.11
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	4	0.11
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	4	0.11
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	4	0.11
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	4	0.11
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	4	0.11
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	4	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	4	0.11
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	4	0.11
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	4	0.11
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	4	0.11
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	4	0.11
(1,228)	1:A:6:ILE:HD11	1:A:2:LEU:HG	9	0.11
(1,228)	1:A:6:ILE:HD11	1:B:2:LEU:HG	9	0.11
(1,228)	1:A:6:ILE:HD11	1:C:2:LEU:HG	9	0.11
(1,228)	1:A:6:ILE:HD12	1:A:2:LEU:HG	9	0.11
(1,228)	1:A:6:ILE:HD12	1:B:2:LEU:HG	9	0.11
(1,228)	1:A:6:ILE:HD12	1:C:2:LEU:HG	9	0.11
(1,228)	1:A:6:ILE:HD13	1:A:2:LEU:HG	9	0.11
(1,228)	1:A:6:ILE:HD13	1:B:2:LEU:HG	9	0.11
(1,228)	1:A:6:ILE:HD13	1:C:2:LEU:HG	9	0.11
(1,228)	1:B:6:ILE:HD11	1:A:2:LEU:HG	9	0.11
(1,228)	1:B:6:ILE:HD11	1:B:2:LEU:HG	9	0.11
(1,228)	1:B:6:ILE:HD11	1:C:2:LEU:HG	9	0.11
(1,228)	1:B:6:ILE:HD12	1:A:2:LEU:HG	9	0.11
(1,228)	1:B:6:ILE:HD12	1:B:2:LEU:HG	9	0.11
(1,228)	1:B:6:ILE:HD12	1:C:2:LEU:HG	9	0.11
(1,228)	1:B:6:ILE:HD13	1:A:2:LEU:HG	9	0.11
(1,228)	1:B:6:ILE:HD13	1:B:2:LEU:HG	9	0.11
(1,228)	1:B:6:ILE:HD13	1:C:2:LEU:HG	9	0.11
(1,228)	1:C:6:ILE:HD11	1:A:2:LEU:HG	9	0.11
(1,228)	1:C:6:ILE:HD11	1:B:2:LEU:HG	9	0.11
(1,228)	1:C:6:ILE:HD11	1:C:2:LEU:HG	9	0.11
(1,228)	1:C:6:ILE:HD12	1:A:2:LEU:HG	9	0.11
(1,228)	1:C:6:ILE:HD12	1:B:2:LEU:HG	9	0.11
(1,228)	1:C:6:ILE:HD12	1:C:2:LEU:HG	9	0.11
(1,228)	1:C:6:ILE:HD13	1:A:2:LEU:HG	9	0.11
(1,228)	1:C:6:ILE:HD13	1:B:2:LEU:HG	9	0.11
(1,228)	1:C:6:ILE:HD13	1:C:2:LEU:HG	9	0.11
(1,216)	1:A:11:GLU:HB2	1:A:8:ALA:HA	17	0.11
(1,216)	1:A:11:GLU:HB2	1:B:8:ALA:HA	17	0.11
(1,216)	1:A:11:GLU:HB2	1:C:8:ALA:HA	17	0.11
(1,216)	1:A:11:GLU:HB3	1:A:8:ALA:HA	17	0.11
(1,216)	1:A:11:GLU:HB3	1:B:8:ALA:HA	17	0.11
(1,216)	1:A:11:GLU:HB3	1:C:8:ALA:HA	17	0.11
(1,216)	1:B:11:GLU:HB2	1:A:8:ALA:HA	17	0.11
(1,216)	1:B:11:GLU:HB2	1:B:8:ALA:HA	17	0.11
(1,216)	1:B:11:GLU:HB2	1:C:8:ALA:HA	17	0.11
(1,216)	1:B:11:GLU:HB3	1:A:8:ALA:HA	17	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,216)	1:B:11:GLU:HB3	1:B:8:ALA:HA	17	0.11
(1,216)	1:B:11:GLU:HB3	1:C:8:ALA:HA	17	0.11
(1,216)	1:C:11:GLU:HB2	1:A:8:ALA:HA	17	0.11
(1,216)	1:C:11:GLU:HB2	1:B:8:ALA:HA	17	0.11
(1,216)	1:C:11:GLU:HB2	1:C:8:ALA:HA	17	0.11
(1,216)	1:C:11:GLU:HB3	1:A:8:ALA:HA	17	0.11
(1,216)	1:C:11:GLU:HB3	1:B:8:ALA:HA	17	0.11
(1,216)	1:C:11:GLU:HB3	1:C:8:ALA:HA	17	0.11
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	1	0.11
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	1	0.11
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	1	0.11
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	1	0.11
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	1	0.11
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	1	0.11
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	1	0.11
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	1	0.11
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	1	0.11
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	1	0.11
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	1	0.11
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	1	0.11
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	1	0.11
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	1	0.11
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	1	0.11
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	1	0.11
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	1	0.11
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	1	0.11
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	1	0.11
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	1	0.11
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	1	0.11
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	1	0.11
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	1	0.11
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	1	0.11
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	1	0.11
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	1	0.11
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	1	0.11
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	1	0.11
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	1	0.11
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	1	0.11
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	1	0.11
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	1	0.11
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	1	0.11
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	1	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	1	0.11
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	1	0.11
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	1	0.11
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	1	0.11
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	1	0.11
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	1	0.11
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	1	0.11
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	1	0.11
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	1	0.11
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	1	0.11
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	1	0.11
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	1	0.11
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	1	0.11
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	1	0.11
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	1	0.11
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	1	0.11
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	1	0.11
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	1	0.11
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	1	0.11
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	1	0.11
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA2	20	0.11
(1,210)	1:A:7:ALA:HB1	1:A:4:GLY:HA3	20	0.11
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA2	20	0.11
(1,210)	1:A:7:ALA:HB1	1:B:4:GLY:HA3	20	0.11
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA2	20	0.11
(1,210)	1:A:7:ALA:HB1	1:C:4:GLY:HA3	20	0.11
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA2	20	0.11
(1,210)	1:A:7:ALA:HB2	1:A:4:GLY:HA3	20	0.11
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA2	20	0.11
(1,210)	1:A:7:ALA:HB2	1:B:4:GLY:HA3	20	0.11
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA2	20	0.11
(1,210)	1:A:7:ALA:HB2	1:C:4:GLY:HA3	20	0.11
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA2	20	0.11
(1,210)	1:A:7:ALA:HB3	1:A:4:GLY:HA3	20	0.11
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA2	20	0.11
(1,210)	1:A:7:ALA:HB3	1:B:4:GLY:HA3	20	0.11
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA2	20	0.11
(1,210)	1:A:7:ALA:HB3	1:C:4:GLY:HA3	20	0.11
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA2	20	0.11
(1,210)	1:B:7:ALA:HB1	1:A:4:GLY:HA3	20	0.11
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA2	20	0.11
(1,210)	1:B:7:ALA:HB1	1:B:4:GLY:HA3	20	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA2	20	0.11
(1,210)	1:B:7:ALA:HB1	1:C:4:GLY:HA3	20	0.11
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA2	20	0.11
(1,210)	1:B:7:ALA:HB2	1:A:4:GLY:HA3	20	0.11
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA2	20	0.11
(1,210)	1:B:7:ALA:HB2	1:B:4:GLY:HA3	20	0.11
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA2	20	0.11
(1,210)	1:B:7:ALA:HB2	1:C:4:GLY:HA3	20	0.11
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA2	20	0.11
(1,210)	1:B:7:ALA:HB3	1:A:4:GLY:HA3	20	0.11
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA2	20	0.11
(1,210)	1:B:7:ALA:HB3	1:B:4:GLY:HA3	20	0.11
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA2	20	0.11
(1,210)	1:B:7:ALA:HB3	1:C:4:GLY:HA3	20	0.11
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA2	20	0.11
(1,210)	1:C:7:ALA:HB1	1:A:4:GLY:HA3	20	0.11
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA2	20	0.11
(1,210)	1:C:7:ALA:HB1	1:B:4:GLY:HA3	20	0.11
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA2	20	0.11
(1,210)	1:C:7:ALA:HB1	1:C:4:GLY:HA3	20	0.11
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA2	20	0.11
(1,210)	1:C:7:ALA:HB2	1:A:4:GLY:HA3	20	0.11
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA2	20	0.11
(1,210)	1:C:7:ALA:HB2	1:B:4:GLY:HA3	20	0.11
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA2	20	0.11
(1,210)	1:C:7:ALA:HB2	1:C:4:GLY:HA3	20	0.11
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA2	20	0.11
(1,210)	1:C:7:ALA:HB3	1:A:4:GLY:HA3	20	0.11
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA2	20	0.11
(1,210)	1:C:7:ALA:HB3	1:B:4:GLY:HA3	20	0.11
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA2	20	0.11
(1,210)	1:C:7:ALA:HB3	1:C:4:GLY:HA3	20	0.11
(1,208)	1:A:6:ILE:HD11	1:A:2:LEU:HA	18	0.11
(1,208)	1:A:6:ILE:HD11	1:B:2:LEU:HA	18	0.11
(1,208)	1:A:6:ILE:HD11	1:C:2:LEU:HA	18	0.11
(1,208)	1:A:6:ILE:HD12	1:A:2:LEU:HA	18	0.11
(1,208)	1:A:6:ILE:HD12	1:B:2:LEU:HA	18	0.11
(1,208)	1:A:6:ILE:HD12	1:C:2:LEU:HA	18	0.11
(1,208)	1:A:6:ILE:HD13	1:A:2:LEU:HA	18	0.11
(1,208)	1:A:6:ILE:HD13	1:B:2:LEU:HA	18	0.11
(1,208)	1:A:6:ILE:HD13	1:C:2:LEU:HA	18	0.11
(1,208)	1:B:6:ILE:HD11	1:A:2:LEU:HA	18	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,208)	1:B:6:ILE:HD11	1:B:2:LEU:HA	18	0.11
(1,208)	1:B:6:ILE:HD11	1:C:2:LEU:HA	18	0.11
(1,208)	1:B:6:ILE:HD12	1:A:2:LEU:HA	18	0.11
(1,208)	1:B:6:ILE:HD12	1:B:2:LEU:HA	18	0.11
(1,208)	1:B:6:ILE:HD12	1:C:2:LEU:HA	18	0.11
(1,208)	1:B:6:ILE:HD13	1:A:2:LEU:HA	18	0.11
(1,208)	1:B:6:ILE:HD13	1:B:2:LEU:HA	18	0.11
(1,208)	1:B:6:ILE:HD13	1:C:2:LEU:HA	18	0.11
(1,208)	1:C:6:ILE:HD11	1:A:2:LEU:HA	18	0.11
(1,208)	1:C:6:ILE:HD11	1:B:2:LEU:HA	18	0.11
(1,208)	1:C:6:ILE:HD11	1:C:2:LEU:HA	18	0.11
(1,208)	1:C:6:ILE:HD12	1:A:2:LEU:HA	18	0.11
(1,208)	1:C:6:ILE:HD12	1:B:2:LEU:HA	18	0.11
(1,208)	1:C:6:ILE:HD12	1:C:2:LEU:HA	18	0.11
(1,208)	1:C:6:ILE:HD13	1:A:2:LEU:HA	18	0.11
(1,208)	1:C:6:ILE:HD13	1:B:2:LEU:HA	18	0.11
(1,208)	1:C:6:ILE:HD13	1:C:2:LEU:HA	18	0.11
(1,201)	1:A:19:ASP:HB2	1:A:20:GLY:H	2	0.11
(1,201)	1:A:19:ASP:HB2	1:B:20:GLY:H	2	0.11
(1,201)	1:A:19:ASP:HB2	1:C:20:GLY:H	2	0.11
(1,201)	1:A:19:ASP:HB3	1:A:20:GLY:H	2	0.11
(1,201)	1:A:19:ASP:HB3	1:B:20:GLY:H	2	0.11
(1,201)	1:A:19:ASP:HB3	1:C:20:GLY:H	2	0.11
(1,201)	1:B:19:ASP:HB2	1:A:20:GLY:H	2	0.11
(1,201)	1:B:19:ASP:HB2	1:B:20:GLY:H	2	0.11
(1,201)	1:B:19:ASP:HB2	1:C:20:GLY:H	2	0.11
(1,201)	1:B:19:ASP:HB3	1:A:20:GLY:H	2	0.11
(1,201)	1:B:19:ASP:HB3	1:B:20:GLY:H	2	0.11
(1,201)	1:B:19:ASP:HB3	1:C:20:GLY:H	2	0.11
(1,201)	1:C:19:ASP:HB2	1:A:20:GLY:H	2	0.11
(1,201)	1:C:19:ASP:HB2	1:B:20:GLY:H	2	0.11
(1,201)	1:C:19:ASP:HB2	1:C:20:GLY:H	2	0.11
(1,201)	1:C:19:ASP:HB3	1:A:20:GLY:H	2	0.11
(1,201)	1:C:19:ASP:HB3	1:B:20:GLY:H	2	0.11
(1,201)	1:C:19:ASP:HB3	1:C:20:GLY:H	2	0.11
(1,201)	1:A:19:ASP:HB2	1:A:20:GLY:H	5	0.11
(1,201)	1:A:19:ASP:HB2	1:B:20:GLY:H	5	0.11
(1,201)	1:A:19:ASP:HB2	1:C:20:GLY:H	5	0.11
(1,201)	1:A:19:ASP:HB3	1:A:20:GLY:H	5	0.11
(1,201)	1:A:19:ASP:HB3	1:B:20:GLY:H	5	0.11
(1,201)	1:A:19:ASP:HB3	1:C:20:GLY:H	5	0.11
(1,201)	1:B:19:ASP:HB2	1:A:20:GLY:H	5	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,201)	1:B:19:ASP:HB2	1:B:20:GLY:H	5	0.11
(1,201)	1:B:19:ASP:HB2	1:C:20:GLY:H	5	0.11
(1,201)	1:B:19:ASP:HB3	1:A:20:GLY:H	5	0.11
(1,201)	1:B:19:ASP:HB3	1:B:20:GLY:H	5	0.11
(1,201)	1:B:19:ASP:HB3	1:C:20:GLY:H	5	0.11
(1,201)	1:C:19:ASP:HB2	1:A:20:GLY:H	5	0.11
(1,201)	1:C:19:ASP:HB2	1:B:20:GLY:H	5	0.11
(1,201)	1:C:19:ASP:HB2	1:C:20:GLY:H	5	0.11
(1,201)	1:C:19:ASP:HB3	1:A:20:GLY:H	5	0.11
(1,201)	1:C:19:ASP:HB3	1:B:20:GLY:H	5	0.11
(1,201)	1:C:19:ASP:HB3	1:C:20:GLY:H	5	0.11
(1,201)	1:A:19:ASP:HB2	1:A:20:GLY:H	7	0.11
(1,201)	1:A:19:ASP:HB2	1:B:20:GLY:H	7	0.11
(1,201)	1:A:19:ASP:HB2	1:C:20:GLY:H	7	0.11
(1,201)	1:A:19:ASP:HB3	1:A:20:GLY:H	7	0.11
(1,201)	1:A:19:ASP:HB3	1:B:20:GLY:H	7	0.11
(1,201)	1:A:19:ASP:HB3	1:C:20:GLY:H	7	0.11
(1,201)	1:B:19:ASP:HB2	1:A:20:GLY:H	7	0.11
(1,201)	1:B:19:ASP:HB2	1:B:20:GLY:H	7	0.11
(1,201)	1:B:19:ASP:HB2	1:C:20:GLY:H	7	0.11
(1,201)	1:B:19:ASP:HB3	1:A:20:GLY:H	7	0.11
(1,201)	1:B:19:ASP:HB3	1:B:20:GLY:H	7	0.11
(1,201)	1:B:19:ASP:HB3	1:C:20:GLY:H	7	0.11
(1,201)	1:C:19:ASP:HB2	1:A:20:GLY:H	7	0.11
(1,201)	1:C:19:ASP:HB2	1:B:20:GLY:H	7	0.11
(1,201)	1:C:19:ASP:HB2	1:C:20:GLY:H	7	0.11
(1,201)	1:C:19:ASP:HB3	1:A:20:GLY:H	7	0.11
(1,201)	1:C:19:ASP:HB3	1:B:20:GLY:H	7	0.11
(1,201)	1:C:19:ASP:HB3	1:C:20:GLY:H	7	0.11
(1,201)	1:A:19:ASP:HB2	1:A:20:GLY:H	9	0.11
(1,201)	1:A:19:ASP:HB2	1:B:20:GLY:H	9	0.11
(1,201)	1:A:19:ASP:HB2	1:C:20:GLY:H	9	0.11
(1,201)	1:A:19:ASP:HB3	1:A:20:GLY:H	9	0.11
(1,201)	1:A:19:ASP:HB3	1:B:20:GLY:H	9	0.11
(1,201)	1:A:19:ASP:HB3	1:C:20:GLY:H	9	0.11
(1,201)	1:B:19:ASP:HB2	1:A:20:GLY:H	9	0.11
(1,201)	1:B:19:ASP:HB2	1:B:20:GLY:H	9	0.11
(1,201)	1:B:19:ASP:HB2	1:C:20:GLY:H	9	0.11
(1,201)	1:B:19:ASP:HB3	1:A:20:GLY:H	9	0.11
(1,201)	1:B:19:ASP:HB3	1:B:20:GLY:H	9	0.11
(1,201)	1:B:19:ASP:HB3	1:C:20:GLY:H	9	0.11
(1,201)	1:C:19:ASP:HB2	1:A:20:GLY:H	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,201)	1:C:19:ASP:HB2	1:B:20:GLY:H	9	0.11
(1,201)	1:C:19:ASP:HB2	1:C:20:GLY:H	9	0.11
(1,201)	1:C:19:ASP:HB3	1:A:20:GLY:H	9	0.11
(1,201)	1:C:19:ASP:HB3	1:B:20:GLY:H	9	0.11
(1,201)	1:C:19:ASP:HB3	1:C:20:GLY:H	9	0.11
(1,186)	1:A:14:TRP:HB2	1:A:15:THR:H	10	0.11
(1,186)	1:A:14:TRP:HB2	1:B:15:THR:H	10	0.11
(1,186)	1:A:14:TRP:HB2	1:C:15:THR:H	10	0.11
(1,186)	1:A:14:TRP:HB3	1:A:15:THR:H	10	0.11
(1,186)	1:A:14:TRP:HB3	1:B:15:THR:H	10	0.11
(1,186)	1:A:14:TRP:HB3	1:C:15:THR:H	10	0.11
(1,186)	1:B:14:TRP:HB2	1:A:15:THR:H	10	0.11
(1,186)	1:B:14:TRP:HB2	1:B:15:THR:H	10	0.11
(1,186)	1:B:14:TRP:HB2	1:C:15:THR:H	10	0.11
(1,186)	1:B:14:TRP:HB3	1:A:15:THR:H	10	0.11
(1,186)	1:B:14:TRP:HB3	1:B:15:THR:H	10	0.11
(1,186)	1:B:14:TRP:HB3	1:C:15:THR:H	10	0.11
(1,186)	1:C:14:TRP:HB2	1:A:15:THR:H	10	0.11
(1,186)	1:C:14:TRP:HB2	1:B:15:THR:H	10	0.11
(1,186)	1:C:14:TRP:HB2	1:C:15:THR:H	10	0.11
(1,186)	1:C:14:TRP:HB3	1:A:15:THR:H	10	0.11
(1,186)	1:C:14:TRP:HB3	1:B:15:THR:H	10	0.11
(1,186)	1:C:14:TRP:HB3	1:C:15:THR:H	10	0.11
(1,164)	1:A:6:ILE:HD11	1:A:7:ALA:H	2	0.11
(1,164)	1:A:6:ILE:HD11	1:B:7:ALA:H	2	0.11
(1,164)	1:A:6:ILE:HD11	1:C:7:ALA:H	2	0.11
(1,164)	1:A:6:ILE:HD12	1:A:7:ALA:H	2	0.11
(1,164)	1:A:6:ILE:HD12	1:B:7:ALA:H	2	0.11
(1,164)	1:A:6:ILE:HD12	1:C:7:ALA:H	2	0.11
(1,164)	1:A:6:ILE:HD13	1:A:7:ALA:H	2	0.11
(1,164)	1:A:6:ILE:HD13	1:B:7:ALA:H	2	0.11
(1,164)	1:A:6:ILE:HD13	1:C:7:ALA:H	2	0.11
(1,164)	1:B:6:ILE:HD11	1:A:7:ALA:H	2	0.11
(1,164)	1:B:6:ILE:HD11	1:B:7:ALA:H	2	0.11
(1,164)	1:B:6:ILE:HD11	1:C:7:ALA:H	2	0.11
(1,164)	1:B:6:ILE:HD12	1:A:7:ALA:H	2	0.11
(1,164)	1:B:6:ILE:HD12	1:B:7:ALA:H	2	0.11
(1,164)	1:B:6:ILE:HD12	1:C:7:ALA:H	2	0.11
(1,164)	1:B:6:ILE:HD13	1:A:7:ALA:H	2	0.11
(1,164)	1:B:6:ILE:HD13	1:B:7:ALA:H	2	0.11
(1,164)	1:B:6:ILE:HD13	1:C:7:ALA:H	2	0.11
(1,164)	1:C:6:ILE:HD11	1:A:7:ALA:H	2	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,164)	1:C:6:ILE:HD11	1:B:7:ALA:H	2	0.11
(1,164)	1:C:6:ILE:HD11	1:C:7:ALA:H	2	0.11
(1,164)	1:C:6:ILE:HD12	1:A:7:ALA:H	2	0.11
(1,164)	1:C:6:ILE:HD12	1:B:7:ALA:H	2	0.11
(1,164)	1:C:6:ILE:HD12	1:C:7:ALA:H	2	0.11
(1,164)	1:C:6:ILE:HD13	1:A:7:ALA:H	2	0.11
(1,164)	1:C:6:ILE:HD13	1:B:7:ALA:H	2	0.11
(1,164)	1:C:6:ILE:HD13	1:C:7:ALA:H	2	0.11
(1,164)	1:A:6:ILE:HD11	1:A:7:ALA:H	11	0.11
(1,164)	1:A:6:ILE:HD11	1:B:7:ALA:H	11	0.11
(1,164)	1:A:6:ILE:HD11	1:C:7:ALA:H	11	0.11
(1,164)	1:A:6:ILE:HD12	1:A:7:ALA:H	11	0.11
(1,164)	1:A:6:ILE:HD12	1:B:7:ALA:H	11	0.11
(1,164)	1:A:6:ILE:HD12	1:C:7:ALA:H	11	0.11
(1,164)	1:A:6:ILE:HD13	1:A:7:ALA:H	11	0.11
(1,164)	1:A:6:ILE:HD13	1:B:7:ALA:H	11	0.11
(1,164)	1:A:6:ILE:HD13	1:C:7:ALA:H	11	0.11
(1,164)	1:B:6:ILE:HD11	1:A:7:ALA:H	11	0.11
(1,164)	1:B:6:ILE:HD11	1:B:7:ALA:H	11	0.11
(1,164)	1:B:6:ILE:HD11	1:C:7:ALA:H	11	0.11
(1,164)	1:B:6:ILE:HD12	1:A:7:ALA:H	11	0.11
(1,164)	1:B:6:ILE:HD12	1:B:7:ALA:H	11	0.11
(1,164)	1:B:6:ILE:HD12	1:C:7:ALA:H	11	0.11
(1,164)	1:B:6:ILE:HD13	1:A:7:ALA:H	11	0.11
(1,164)	1:B:6:ILE:HD13	1:B:7:ALA:H	11	0.11
(1,164)	1:B:6:ILE:HD13	1:C:7:ALA:H	11	0.11
(1,164)	1:C:6:ILE:HD11	1:A:7:ALA:H	11	0.11
(1,164)	1:C:6:ILE:HD11	1:B:7:ALA:H	11	0.11
(1,164)	1:C:6:ILE:HD11	1:C:7:ALA:H	11	0.11
(1,164)	1:C:6:ILE:HD12	1:A:7:ALA:H	11	0.11
(1,164)	1:C:6:ILE:HD12	1:B:7:ALA:H	11	0.11
(1,164)	1:C:6:ILE:HD12	1:C:7:ALA:H	11	0.11
(1,164)	1:C:6:ILE:HD13	1:A:7:ALA:H	11	0.11
(1,164)	1:C:6:ILE:HD13	1:B:7:ALA:H	11	0.11
(1,164)	1:C:6:ILE:HD13	1:C:7:ALA:H	11	0.11
(1,164)	1:A:6:ILE:HD11	1:A:7:ALA:H	13	0.11
(1,164)	1:A:6:ILE:HD11	1:B:7:ALA:H	13	0.11
(1,164)	1:A:6:ILE:HD11	1:C:7:ALA:H	13	0.11
(1,164)	1:A:6:ILE:HD12	1:A:7:ALA:H	13	0.11
(1,164)	1:A:6:ILE:HD12	1:B:7:ALA:H	13	0.11
(1,164)	1:A:6:ILE:HD12	1:C:7:ALA:H	13	0.11
(1,164)	1:A:6:ILE:HD13	1:A:7:ALA:H	13	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,164)	1:A:6:ILE:HD13	1:B:7:ALA:H	13	0.11
(1,164)	1:A:6:ILE:HD13	1:C:7:ALA:H	13	0.11
(1,164)	1:B:6:ILE:HD11	1:A:7:ALA:H	13	0.11
(1,164)	1:B:6:ILE:HD11	1:B:7:ALA:H	13	0.11
(1,164)	1:B:6:ILE:HD11	1:C:7:ALA:H	13	0.11
(1,164)	1:B:6:ILE:HD12	1:A:7:ALA:H	13	0.11
(1,164)	1:B:6:ILE:HD12	1:B:7:ALA:H	13	0.11
(1,164)	1:B:6:ILE:HD12	1:C:7:ALA:H	13	0.11
(1,164)	1:B:6:ILE:HD13	1:A:7:ALA:H	13	0.11
(1,164)	1:B:6:ILE:HD13	1:B:7:ALA:H	13	0.11
(1,164)	1:B:6:ILE:HD13	1:C:7:ALA:H	13	0.11
(1,164)	1:C:6:ILE:HD11	1:A:7:ALA:H	13	0.11
(1,164)	1:C:6:ILE:HD11	1:B:7:ALA:H	13	0.11
(1,164)	1:C:6:ILE:HD11	1:C:7:ALA:H	13	0.11
(1,164)	1:C:6:ILE:HD12	1:A:7:ALA:H	13	0.11
(1,164)	1:C:6:ILE:HD12	1:B:7:ALA:H	13	0.11
(1,164)	1:C:6:ILE:HD12	1:C:7:ALA:H	13	0.11
(1,164)	1:C:6:ILE:HD13	1:A:7:ALA:H	13	0.11
(1,164)	1:C:6:ILE:HD13	1:B:7:ALA:H	13	0.11
(1,164)	1:C:6:ILE:HD13	1:C:7:ALA:H	13	0.11
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	2	0.11
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	2	0.11
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	2	0.11
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	2	0.11
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	2	0.11
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	2	0.11
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	2	0.11
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	2	0.11
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	2	0.11
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	2	0.11
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	2	0.11
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	2	0.11
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	2	0.11
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	2	0.11
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	2	0.11
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	2	0.11
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	2	0.11
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	2	0.11
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	2	0.11
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	2	0.11
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	2	0.11
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	2	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	2	0.11
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	2	0.11
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	2	0.11
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	2	0.11
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	2	0.11
(1,160)	1:A:5:ALA:HB1	1:A:6:ILE:H	11	0.11
(1,160)	1:A:5:ALA:HB1	1:B:6:ILE:H	11	0.11
(1,160)	1:A:5:ALA:HB1	1:C:6:ILE:H	11	0.11
(1,160)	1:A:5:ALA:HB2	1:A:6:ILE:H	11	0.11
(1,160)	1:A:5:ALA:HB2	1:B:6:ILE:H	11	0.11
(1,160)	1:A:5:ALA:HB2	1:C:6:ILE:H	11	0.11
(1,160)	1:A:5:ALA:HB3	1:A:6:ILE:H	11	0.11
(1,160)	1:A:5:ALA:HB3	1:B:6:ILE:H	11	0.11
(1,160)	1:A:5:ALA:HB3	1:C:6:ILE:H	11	0.11
(1,160)	1:B:5:ALA:HB1	1:A:6:ILE:H	11	0.11
(1,160)	1:B:5:ALA:HB1	1:B:6:ILE:H	11	0.11
(1,160)	1:B:5:ALA:HB1	1:C:6:ILE:H	11	0.11
(1,160)	1:B:5:ALA:HB2	1:A:6:ILE:H	11	0.11
(1,160)	1:B:5:ALA:HB2	1:B:6:ILE:H	11	0.11
(1,160)	1:B:5:ALA:HB2	1:C:6:ILE:H	11	0.11
(1,160)	1:B:5:ALA:HB3	1:A:6:ILE:H	11	0.11
(1,160)	1:B:5:ALA:HB3	1:B:6:ILE:H	11	0.11
(1,160)	1:B:5:ALA:HB3	1:C:6:ILE:H	11	0.11
(1,160)	1:C:5:ALA:HB1	1:A:6:ILE:H	11	0.11
(1,160)	1:C:5:ALA:HB1	1:B:6:ILE:H	11	0.11
(1,160)	1:C:5:ALA:HB1	1:C:6:ILE:H	11	0.11
(1,160)	1:C:5:ALA:HB2	1:A:6:ILE:H	11	0.11
(1,160)	1:C:5:ALA:HB2	1:B:6:ILE:H	11	0.11
(1,160)	1:C:5:ALA:HB2	1:C:6:ILE:H	11	0.11
(1,160)	1:C:5:ALA:HB3	1:A:6:ILE:H	11	0.11
(1,160)	1:C:5:ALA:HB3	1:B:6:ILE:H	11	0.11
(1,160)	1:C:5:ALA:HB3	1:C:6:ILE:H	11	0.11
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	2	0.11
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	2	0.11
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	2	0.11
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	2	0.11
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	2	0.11
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	2	0.11
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	2	0.11
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	2	0.11
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	2	0.11
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	3	0.11
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	3	0.11
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	3	0.11
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	3	0.11
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	3	0.11
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	3	0.11
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	3	0.11
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	3	0.11
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	5	0.11
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	5	0.11
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	5	0.11
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	5	0.11
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	5	0.11
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	5	0.11
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	5	0.11
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	5	0.11
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	5	0.11
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	6	0.11
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	6	0.11
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	6	0.11
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	6	0.11
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	6	0.11
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	6	0.11
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	6	0.11
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	6	0.11
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	6	0.11
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	9	0.11
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	9	0.11
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	9	0.11
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	9	0.11
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	9	0.11
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	9	0.11
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	9	0.11
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	9	0.11
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	9	0.11
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	12	0.11
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	12	0.11
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	12	0.11
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	12	0.11
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	12	0.11
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	12	0.11
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	12	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	12	0.11
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	12	0.11
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	14	0.11
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	14	0.11
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	14	0.11
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	14	0.11
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	14	0.11
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	14	0.11
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	14	0.11
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	14	0.11
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	14	0.11
(1,142)	1:A:16:GLY:HA2	1:A:16:GLY:H	18	0.11
(1,142)	1:A:16:GLY:HA2	1:B:16:GLY:H	18	0.11
(1,142)	1:A:16:GLY:HA2	1:C:16:GLY:H	18	0.11
(1,142)	1:B:16:GLY:HA2	1:A:16:GLY:H	18	0.11
(1,142)	1:B:16:GLY:HA2	1:B:16:GLY:H	18	0.11
(1,142)	1:B:16:GLY:HA2	1:C:16:GLY:H	18	0.11
(1,142)	1:C:16:GLY:HA2	1:A:16:GLY:H	18	0.11
(1,142)	1:C:16:GLY:HA2	1:B:16:GLY:H	18	0.11
(1,142)	1:C:16:GLY:HA2	1:C:16:GLY:H	18	0.11
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	2	0.11
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	2	0.11
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	2	0.11
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	2	0.11
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	2	0.11
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	2	0.11
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	2	0.11
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	2	0.11
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	2	0.11
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	8	0.11
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	8	0.11
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	8	0.11
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	8	0.11
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	8	0.11
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	8	0.11
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	8	0.11
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	8	0.11
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	8	0.11
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	10	0.11
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	10	0.11
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	10	0.11
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	10	0.11
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	10	0.11
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	10	0.11
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	10	0.11
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	10	0.11
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	18	0.11
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	18	0.11
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	18	0.11
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	18	0.11
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	18	0.11
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	18	0.11
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	18	0.11
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	18	0.11
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	18	0.11
(1,140)	1:A:15:THR:HA	1:A:15:THR:H	19	0.11
(1,140)	1:A:15:THR:HA	1:B:15:THR:H	19	0.11
(1,140)	1:A:15:THR:HA	1:C:15:THR:H	19	0.11
(1,140)	1:B:15:THR:HA	1:A:15:THR:H	19	0.11
(1,140)	1:B:15:THR:HA	1:B:15:THR:H	19	0.11
(1,140)	1:B:15:THR:HA	1:C:15:THR:H	19	0.11
(1,140)	1:C:15:THR:HA	1:A:15:THR:H	19	0.11
(1,140)	1:C:15:THR:HA	1:B:15:THR:H	19	0.11
(1,140)	1:C:15:THR:HA	1:C:15:THR:H	19	0.11
(1,129)	1:A:9:PHE:HA	1:A:10:ILE:H	8	0.11
(1,129)	1:A:9:PHE:HA	1:B:10:ILE:H	8	0.11
(1,129)	1:A:9:PHE:HA	1:C:10:ILE:H	8	0.11
(1,129)	1:B:9:PHE:HA	1:A:10:ILE:H	8	0.11
(1,129)	1:B:9:PHE:HA	1:B:10:ILE:H	8	0.11
(1,129)	1:B:9:PHE:HA	1:C:10:ILE:H	8	0.11
(1,129)	1:C:9:PHE:HA	1:A:10:ILE:H	8	0.11
(1,129)	1:C:9:PHE:HA	1:B:10:ILE:H	8	0.11
(1,129)	1:C:9:PHE:HA	1:C:10:ILE:H	8	0.11
(1,129)	1:A:9:PHE:HA	1:A:10:ILE:H	20	0.11
(1,129)	1:A:9:PHE:HA	1:B:10:ILE:H	20	0.11
(1,129)	1:A:9:PHE:HA	1:C:10:ILE:H	20	0.11
(1,129)	1:B:9:PHE:HA	1:A:10:ILE:H	20	0.11
(1,129)	1:B:9:PHE:HA	1:B:10:ILE:H	20	0.11
(1,129)	1:B:9:PHE:HA	1:C:10:ILE:H	20	0.11
(1,129)	1:C:9:PHE:HA	1:A:10:ILE:H	20	0.11
(1,129)	1:C:9:PHE:HA	1:B:10:ILE:H	20	0.11
(1,129)	1:C:9:PHE:HA	1:C:10:ILE:H	20	0.11
(1,115)	1:A:4:GLY:H	1:A:3:PHE:H	2	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,115)	1:A:4:GLY:H	1:B:3:PHE:H	2	0.11
(1,115)	1:A:4:GLY:H	1:C:3:PHE:H	2	0.11
(1,115)	1:B:4:GLY:H	1:A:3:PHE:H	2	0.11
(1,115)	1:B:4:GLY:H	1:B:3:PHE:H	2	0.11
(1,115)	1:B:4:GLY:H	1:C:3:PHE:H	2	0.11
(1,115)	1:C:4:GLY:H	1:A:3:PHE:H	2	0.11
(1,115)	1:C:4:GLY:H	1:B:3:PHE:H	2	0.11
(1,115)	1:C:4:GLY:H	1:C:3:PHE:H	2	0.11
(1,115)	1:A:4:GLY:H	1:A:3:PHE:H	17	0.11
(1,115)	1:A:4:GLY:H	1:B:3:PHE:H	17	0.11
(1,115)	1:A:4:GLY:H	1:C:3:PHE:H	17	0.11
(1,115)	1:B:4:GLY:H	1:A:3:PHE:H	17	0.11
(1,115)	1:B:4:GLY:H	1:B:3:PHE:H	17	0.11
(1,115)	1:B:4:GLY:H	1:C:3:PHE:H	17	0.11
(1,115)	1:C:4:GLY:H	1:A:3:PHE:H	17	0.11
(1,115)	1:C:4:GLY:H	1:B:3:PHE:H	17	0.11
(1,115)	1:C:4:GLY:H	1:C:3:PHE:H	17	0.11
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	10	0.11
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	10	0.11
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	10	0.11
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	10	0.11
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	10	0.11
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	10	0.11
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	10	0.11
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	10	0.11
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	10	0.11
(1,113)	1:A:4:GLY:HA3	1:A:5:ALA:H	11	0.11
(1,113)	1:A:4:GLY:HA3	1:B:5:ALA:H	11	0.11
(1,113)	1:A:4:GLY:HA3	1:C:5:ALA:H	11	0.11
(1,113)	1:B:4:GLY:HA3	1:A:5:ALA:H	11	0.11
(1,113)	1:B:4:GLY:HA3	1:B:5:ALA:H	11	0.11
(1,113)	1:B:4:GLY:HA3	1:C:5:ALA:H	11	0.11
(1,113)	1:C:4:GLY:HA3	1:A:5:ALA:H	11	0.11
(1,113)	1:C:4:GLY:HA3	1:B:5:ALA:H	11	0.11
(1,113)	1:C:4:GLY:HA3	1:C:5:ALA:H	11	0.11

10 Dihedral-angle violation analysis [i](#)

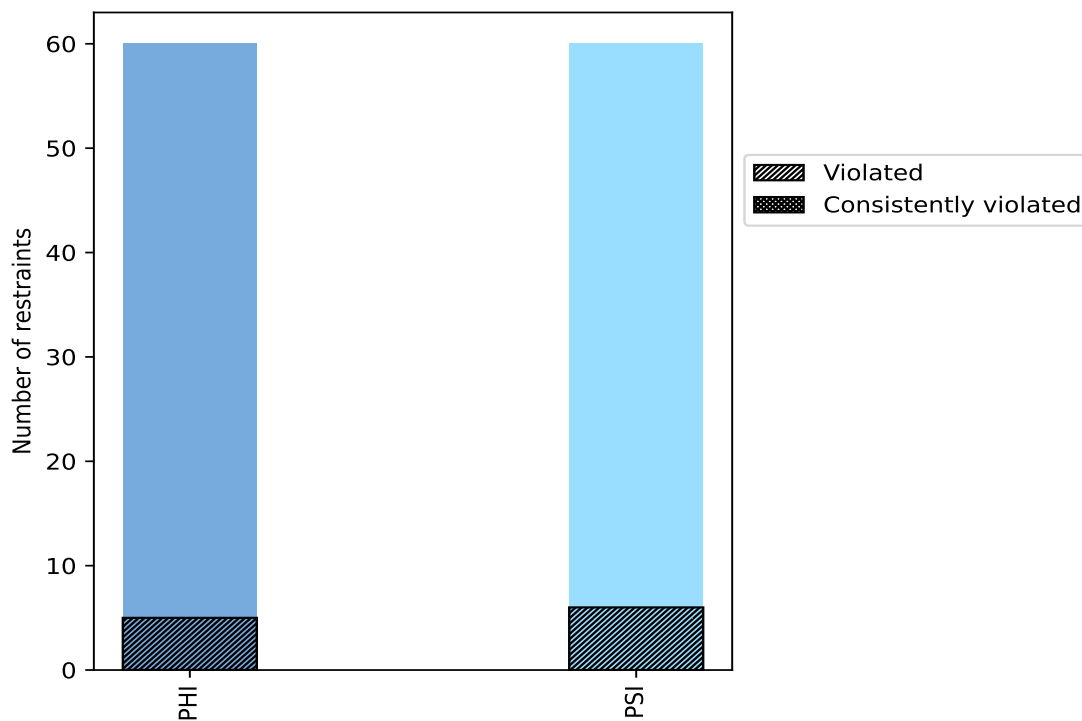
10.1 Summary of dihedral-angle violations [i](#)

The following table provides the summary of dihedral-angle violations in different dihedral-angle types. Violations less than 1° are not included in the calculation.

Angle type	Count	% ¹	Violated ³			Consistently Violated ⁴		
			Count	% ²	% ¹	Count	% ²	% ¹
PHI	60	50.0	5	8.3	4.2	0	0.0	0.0
PSI	60	50.0	6	10.0	5.0	0	0.0	0.0
Total	120	100.0	11	9.2	9.2	0	0.0	0.0

¹ percentage calculated with respect to total number of dihedral-angle restraints, ² percentage calculated with respect to number of restraints in a particular dihedral-angle type, ³ violated in at least one model, ⁴ violated in all the models

10.1.1 Bar chart : Distribution of dihedral-angles and violations [i](#)



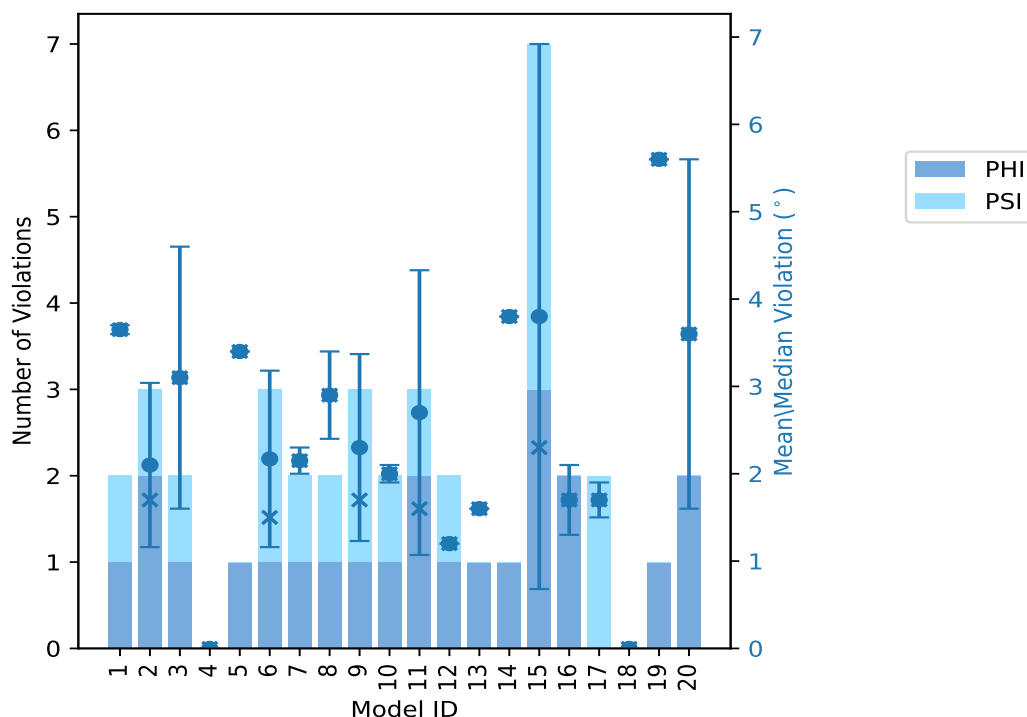
Violated and consistently violated restraints are shown using different hatch patterns in their respective categories

10.2 Dihedral-angle violation statistics for each model [i](#)

The following table provides the dihedral-angle violation statistics for each model in the ensemble. Violations less than 1° are not included in the statistics.

Model ID	Number of violations			Mean (°)	Max (°)	SD (°)	Median (°)
	PHI	PSI	Total				
1	1	1	2	3.65	3.7	0.05	3.65
2	2	1	3	2.1	3.4	0.94	1.7
3	1	1	2	3.1	4.6	1.5	3.1
4	0	0	0	0.0	0.0	0.0	0.0
5	1	0	1	3.4	3.4	0.0	3.4
6	1	2	3	2.17	3.6	1.01	1.5
7	1	1	2	2.15	2.3	0.15	2.15
8	1	1	2	2.9	3.4	0.5	2.9
9	1	2	3	2.3	3.8	1.07	1.7
10	1	1	2	2.0	2.1	0.1	2.0
11	2	1	3	2.7	5.0	1.63	1.6
12	1	1	2	1.2	1.2	0.0	1.2
13	1	0	1	1.6	1.6	0.0	1.6
14	1	0	1	3.8	3.8	0.0	3.8
15	3	4	7	3.8	10.9	3.12	2.3
16	2	0	2	1.7	2.1	0.4	1.7
17	0	2	2	1.7	1.9	0.2	1.7
18	0	0	0	0.0	0.0	0.0	0.0
19	1	0	1	5.6	5.6	0.0	5.6
20	2	0	2	3.6	5.6	2.0	3.6

10.2.1 Bar graph : Dihedral violation statistics for each model [i](#)



The mean(dot),median(x) and the standard deviation are shown in blue with respect to the y axis on the right

10.3 Dihedral-angle violation statistics for the ensemble [i](#)

Violation analysis may find that some restraints are violated in very few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of ensemble.

Number of violated restraints			Fraction of the ensemble	
PHI	PSI	Total	Count ¹	%
2	2	4	1	5.0
0	1	1	2	10.0
0	1	1	3	15.0
2	0	2	4	20.0
0	1	1	5	25.0
0	1	1	6	30.0
0	0	0	7	35.0
0	0	0	8	40.0
0	0	0	9	45.0
0	0	0	10	50.0
0	0	0	11	55.0

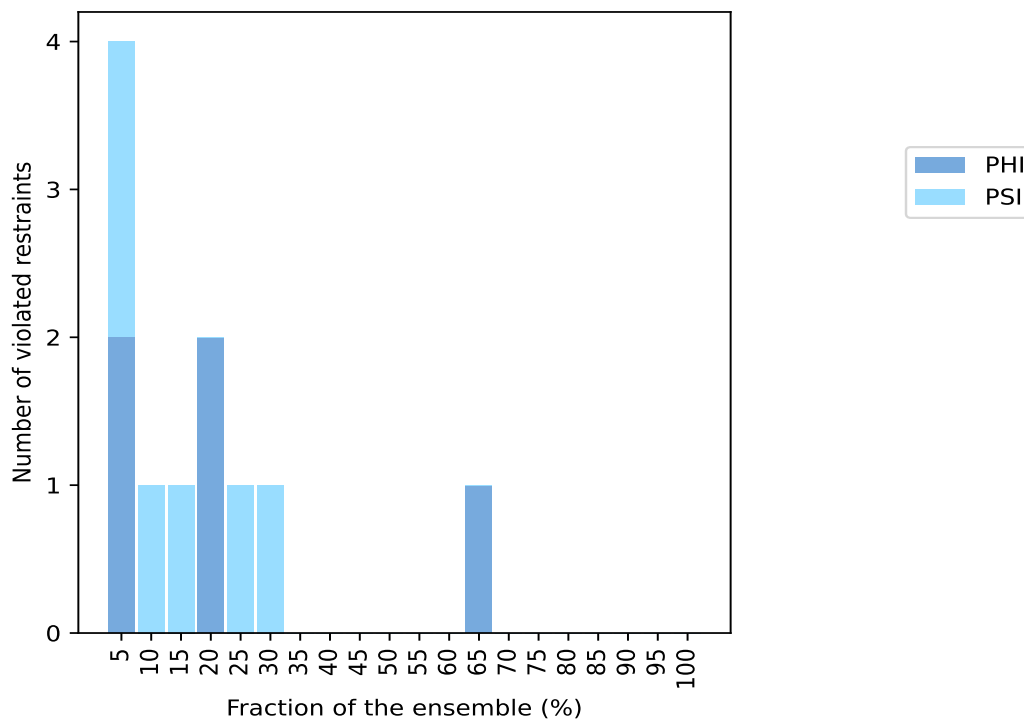
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Number of violated restraints			Fraction of the ensemble	
PHI	PSI	Total	Count ¹	%
0	0	0	12	60.0
1	0	1	13	65.0
0	0	0	14	70.0
0	0	0	15	75.0
0	0	0	16	80.0
0	0	0	17	85.0
0	0	0	18	90.0
0	0	0	19	95.0
0	0	0	20	100.0

¹ Number of models with violations

10.3.1 Bar graph : Dihedral-angle Violation statistics for the ensemble [i](#)

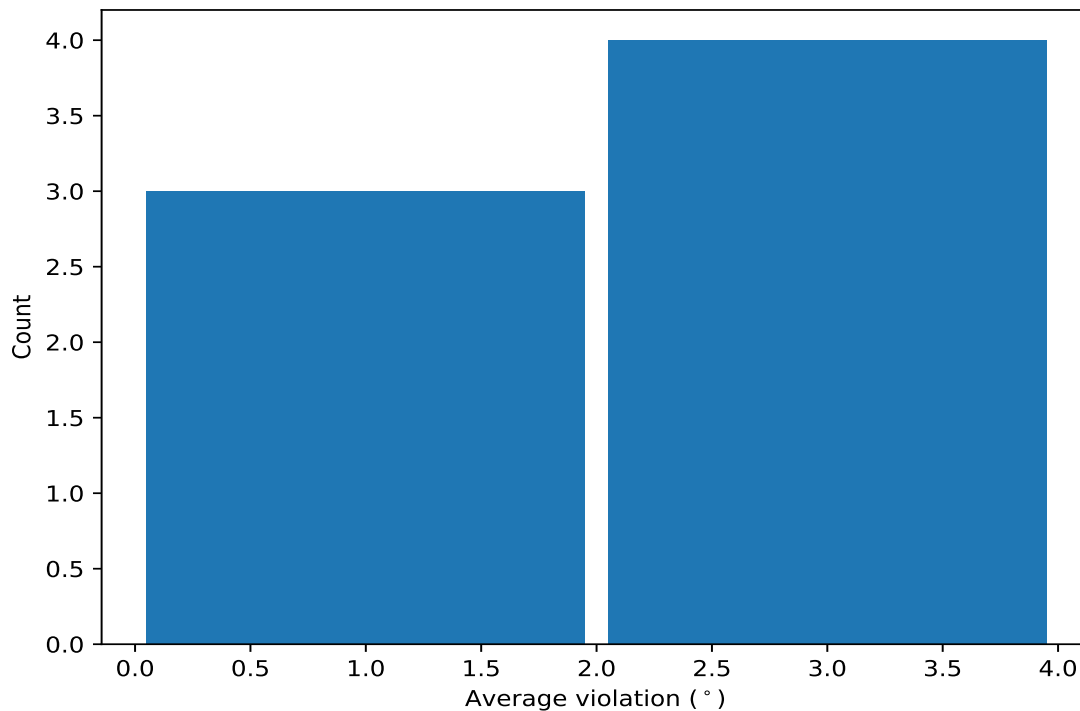


10.4 Most violated dihedral-angle restraints in the ensemble [i](#)

10.4.1 Histogram : Distribution of mean dihedral-angle violations [i](#)

The following histogram shows the distribution of the average value of the violation. The average is calculated for each restraint that is violated in more than one model over all the violated models

in the ensemble



10.4.2 Table: Most violated dihedral-angle restraints [i](#)

The following table provides the mean and the standard deviation of the violation for each restraint sorted by number of violated models and the mean value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint.

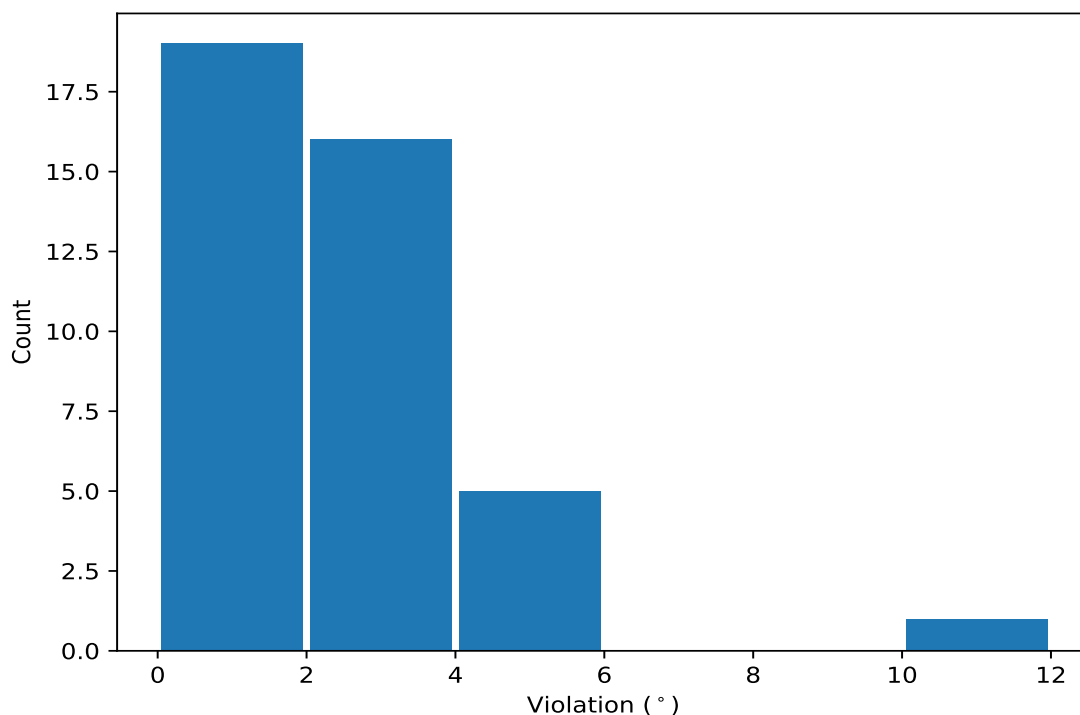
Key	Atom-1	Atom-2	Atom-3	Atom-4	Models ¹	Mean	SD ²	Median
(1,33)	1:C:11:GLU:C	1:C:12:GLY:N	1:C:12:GLY:CA	1:C:12:GLY:C	13	3.91	1.21	3.6
(1,63)	1:C:2:LEU:N	1:C:2:LEU:CA	1:C:2:LEU:C	1:C:3:PHE:N	6	3.42	3.37	2.1
(1,86)	1:B:10:ILE:N	1:B:10:ILE:CA	1:B:10:ILE:C	1:B:11:GLU:N	5	1.62	0.25	1.5
(1,32)	1:B:11:GLU:C	1:B:12:GLY:N	1:B:12:GLY:CA	1:B:12:GLY:C	4	2.05	1.05	1.6
(1,35)	1:B:13:GLY:C	1:B:14:TRP:N	1:B:14:TRP:CA	1:B:14:TRP:C	4	1.6	0.32	1.55
(1,91)	1:A:12:GLY:N	1:A:12:GLY:CA	1:A:12:GLY:C	1:A:13:GLY:N	3	1.9	0.28	1.7
(1,61)	1:A:2:LEU:N	1:A:2:LEU:CA	1:A:2:LEU:C	1:A:3:PHE:N	2	3.35	0.35	3.35

¹ Number of violated models, ²Standard deviation, All angle values are in degree (°)

10.5 All violated dihedral-angle restraints [i](#)

10.5.1 Histogram : Distribution of violations [i](#)

The following histogram shows the distribution of the absolute value of the violation for all violated restraints in the ensemble.



10.5.2 Table: All violated dihedral-angle restraints [i](#)

The following table lists the absolute value of the violation for each restraint in the ensemble sorted by its value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint.

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,63)	1:C:2:LEU:N	1:C:2:LEU:CA	1:C:2:LEU:C	1:C:3:PHE:N	15	10.9
(1,33)	1:C:11:GLU:C	1:C:12:GLY:N	1:C:12:GLY:CA	1:C:12:GLY:C	19	5.6
(1,33)	1:C:11:GLU:C	1:C:12:GLY:N	1:C:12:GLY:CA	1:C:12:GLY:C	20	5.6
(1,33)	1:C:11:GLU:C	1:C:12:GLY:N	1:C:12:GLY:CA	1:C:12:GLY:C	15	5.2
(1,33)	1:C:11:GLU:C	1:C:12:GLY:N	1:C:12:GLY:CA	1:C:12:GLY:C	11	5.0
(1,33)	1:C:11:GLU:C	1:C:12:GLY:N	1:C:12:GLY:CA	1:C:12:GLY:C	3	4.6
(1,33)	1:C:11:GLU:C	1:C:12:GLY:N	1:C:12:GLY:CA	1:C:12:GLY:C	9	3.8
(1,32)	1:B:11:GLU:C	1:B:12:GLY:N	1:B:12:GLY:CA	1:B:12:GLY:C	14	3.8
(1,61)	1:A:2:LEU:N	1:A:2:LEU:CA	1:A:2:LEU:C	1:A:3:PHE:N	1	3.7
(1,33)	1:C:11:GLU:C	1:C:12:GLY:N	1:C:12:GLY:CA	1:C:12:GLY:C	1	3.6
(1,33)	1:C:11:GLU:C	1:C:12:GLY:N	1:C:12:GLY:CA	1:C:12:GLY:C	6	3.6
(1,33)	1:C:11:GLU:C	1:C:12:GLY:N	1:C:12:GLY:CA	1:C:12:GLY:C	2	3.4
(1,33)	1:C:11:GLU:C	1:C:12:GLY:N	1:C:12:GLY:CA	1:C:12:GLY:C	5	3.4
(1,33)	1:C:11:GLU:C	1:C:12:GLY:N	1:C:12:GLY:CA	1:C:12:GLY:C	8	3.4
(1,61)	1:A:2:LEU:N	1:A:2:LEU:CA	1:A:2:LEU:C	1:A:3:PHE:N	15	3.0
(1,63)	1:C:2:LEU:N	1:C:2:LEU:CA	1:C:2:LEU:C	1:C:3:PHE:N	8	2.4
(1,91)	1:A:12:GLY:N	1:A:12:GLY:CA	1:A:12:GLY:C	1:A:13:GLY:N	15	2.3
(1,63)	1:C:2:LEU:N	1:C:2:LEU:CA	1:C:2:LEU:C	1:C:3:PHE:N	7	2.3
(1,86)	1:B:10:ILE:N	1:B:10:ILE:CA	1:B:10:ILE:C	1:B:11:GLU:N	10	2.1
(1,35)	1:B:13:GLY:C	1:B:14:TRP:N	1:B:14:TRP:CA	1:B:14:TRP:C	15	2.1
(1,26)	1:B:9:PHE:C	1:B:10:ILE:N	1:B:10:ILE:CA	1:B:10:ILE:C	16	2.1

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Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,33)	1:C:11:GLU:C	1:C:12:GLY:N	1:C:12:GLY:CA	1:C:12:GLY:C	7	2.0
(1,63)	1:C:2:LEU:N	1:C:2:LEU:CA	1:C:2:LEU:C	1:C:3:PHE:N	17	1.9
(1,32)	1:B:11:GLU:C	1:B:12:GLY:N	1:B:12:GLY:CA	1:B:12:GLY:C	10	1.9
(1,91)	1:A:12:GLY:N	1:A:12:GLY:CA	1:A:12:GLY:C	1:A:13:GLY:N	2	1.7
(1,91)	1:A:12:GLY:N	1:A:12:GLY:CA	1:A:12:GLY:C	1:A:13:GLY:N	9	1.7
(1,86)	1:B:10:ILE:N	1:B:10:ILE:CA	1:B:10:ILE:C	1:B:11:GLU:N	3	1.6
(1,63)	1:C:2:LEU:N	1:C:2:LEU:CA	1:C:2:LEU:C	1:C:3:PHE:N	11	1.6
(1,38)	1:B:14:TRP:C	1:B:15:THR:N	1:B:15:THR:CA	1:B:15:THR:C	15	1.6
(1,35)	1:B:13:GLY:C	1:B:14:TRP:N	1:B:14:TRP:CA	1:B:14:TRP:C	20	1.6
(1,33)	1:C:11:GLU:C	1:C:12:GLY:N	1:C:12:GLY:CA	1:C:12:GLY:C	13	1.6
(1,86)	1:B:10:ILE:N	1:B:10:ILE:CA	1:B:10:ILE:C	1:B:11:GLU:N	15	1.5
(1,86)	1:B:10:ILE:N	1:B:10:ILE:CA	1:B:10:ILE:C	1:B:11:GLU:N	17	1.5
(1,35)	1:B:13:GLY:C	1:B:14:TRP:N	1:B:14:TRP:CA	1:B:14:TRP:C	11	1.5
(1,117)	1:C:21:TRP:N	1:C:21:TRP:CA	1:C:21:TRP:C	1:C:22:TYR:N	6	1.5
(1,86)	1:B:10:ILE:N	1:B:10:ILE:CA	1:B:10:ILE:C	1:B:11:GLU:N	6	1.4
(1,63)	1:C:2:LEU:N	1:C:2:LEU:CA	1:C:2:LEU:C	1:C:3:PHE:N	9	1.4
(1,32)	1:B:11:GLU:C	1:B:12:GLY:N	1:B:12:GLY:CA	1:B:12:GLY:C	16	1.3
(1,90)	1:C:11:GLU:N	1:C:11:GLU:CA	1:C:11:GLU:C	1:C:12:GLY:N	12	1.2
(1,35)	1:B:13:GLY:C	1:B:14:TRP:N	1:B:14:TRP:CA	1:B:14:TRP:C	2	1.2
(1,32)	1:B:11:GLU:C	1:B:12:GLY:N	1:B:12:GLY:CA	1:B:12:GLY:C	12	1.2