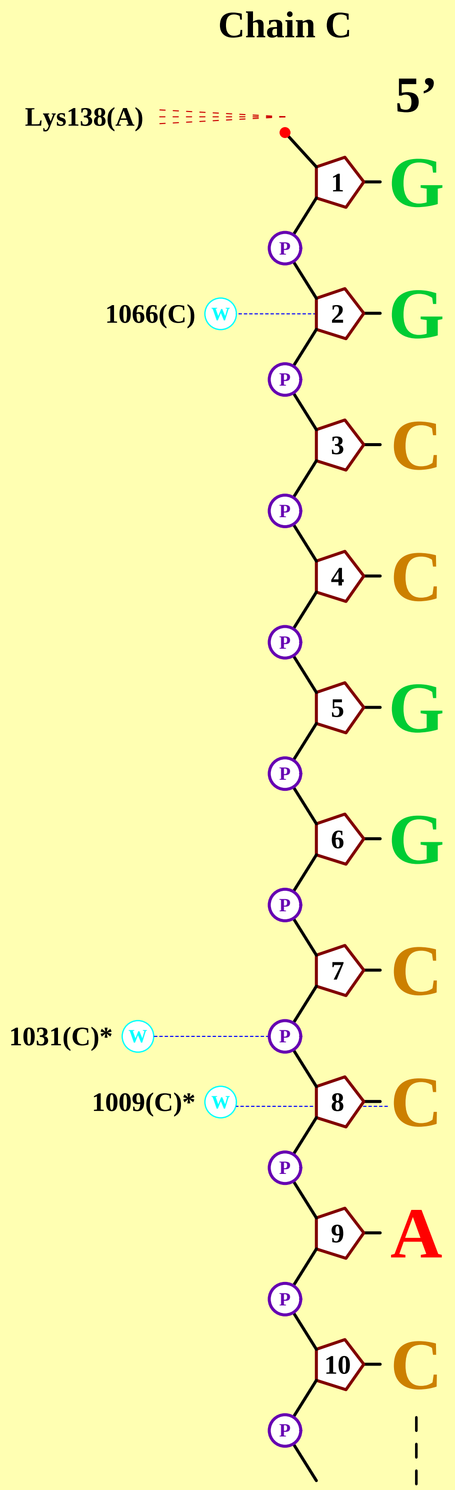
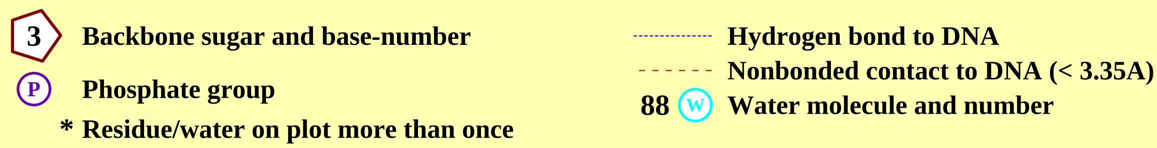
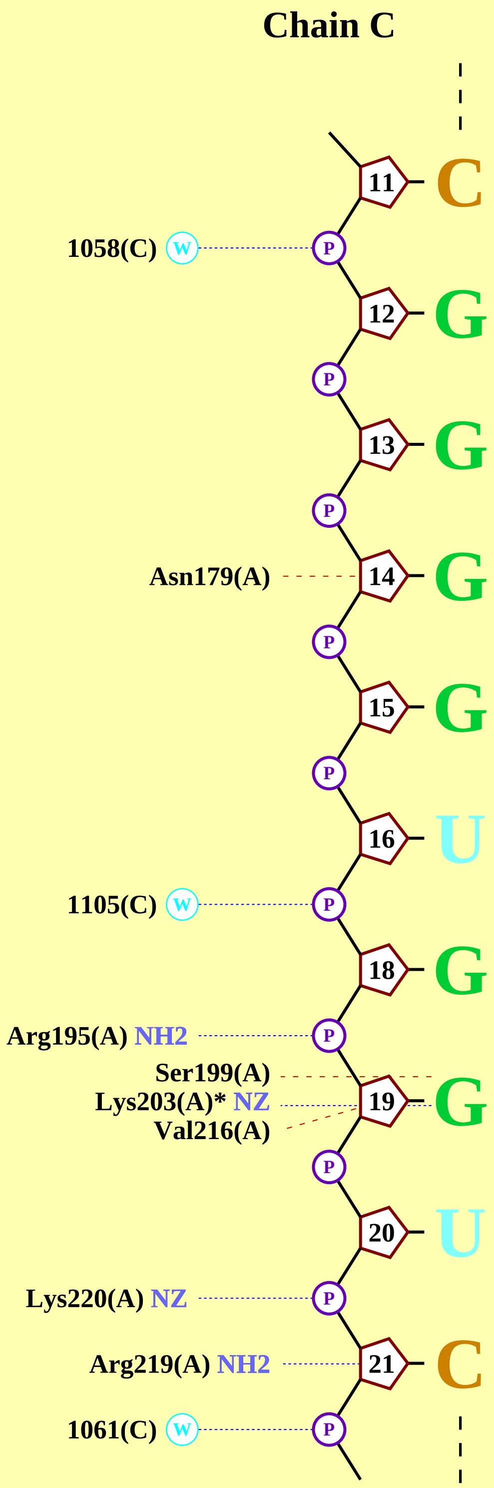

Chain C
5'
Lys138(A)
1
G
P
1066(C)
W
2
G
P
3
C
P
4
C
P
5
G
P
6
G
P
7
C
1031(C)*
W
P
1009(C)*
W
8
C
P
9
A
P
10
C
P

Key


3
Backbone sugar and base-number
P
Phosphate group
* Residue/water on plot more than once
Hydrogen bond to DNA
Nonbonded contact to DNA (< 3.35A)
88
W
Water molecule and number

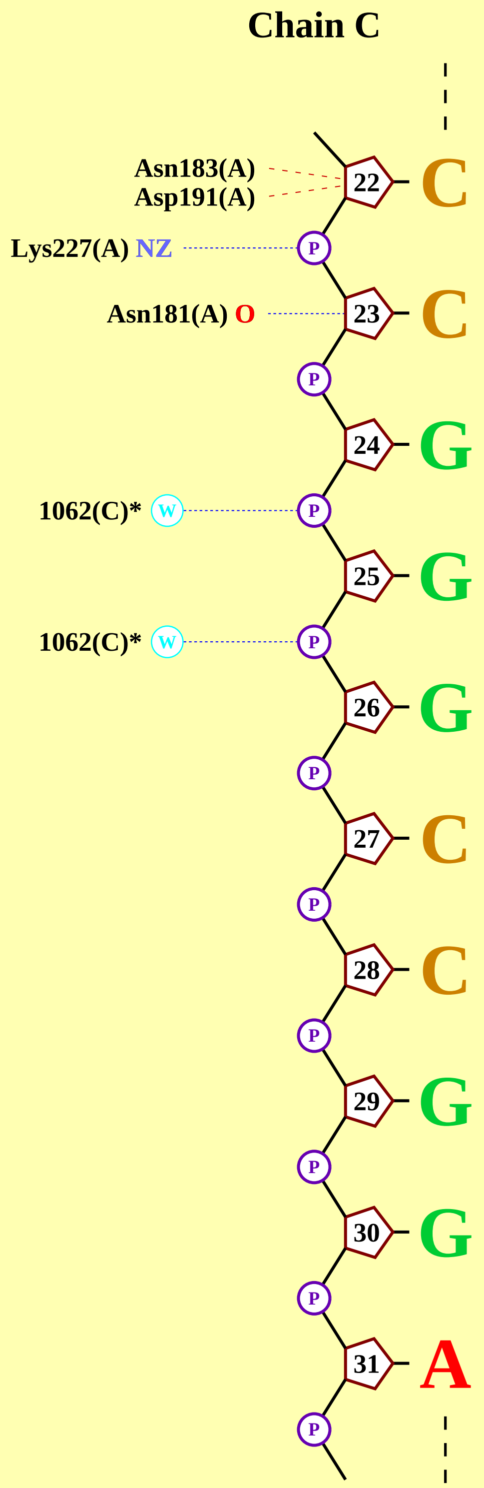
file



Key

- 3 Backbone sugar and base-number
- P Phosphate group
- * Residue/water on plot more than once
- Hydrogen bond to DNA
- Nonbonded contact to DNA (< 3.35A)
- 88 W Water molecule and number

file



Key

3 Backbone sugar and base-number

P Phosphate group

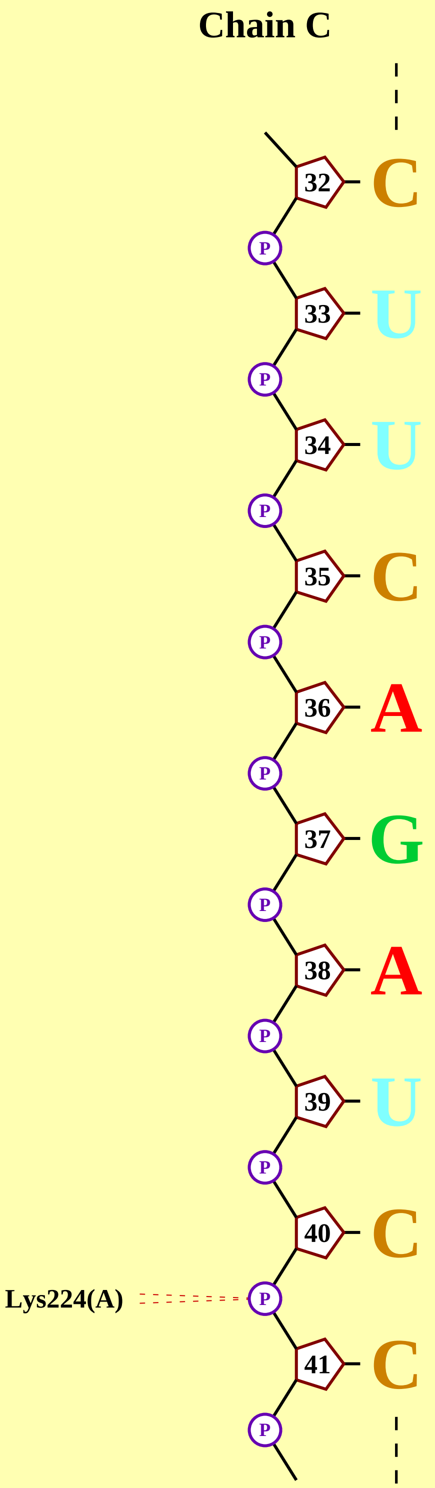
* Residue/water on plot more than once

Hydrogen bond to DNA

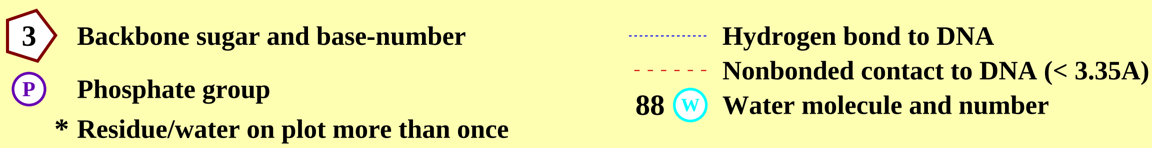
Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

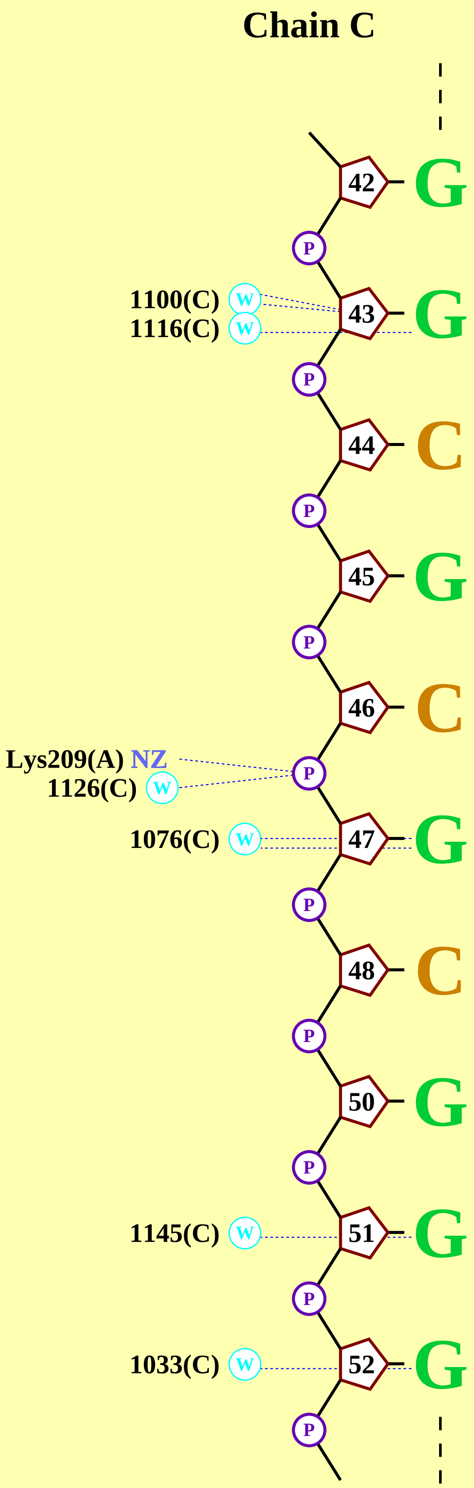
file


Chain C
32
C
P
33
U
P
34
U
P
35
C
P
36
A
P
37
G
P
38
A
P
39
U
P
40
C
Lys224(A)
P
41
C
P

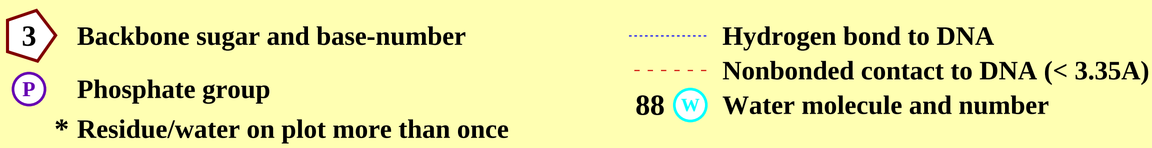
Key


3
Backbone sugar and base-number
P
Phosphate group
* Residue/water on plot more than once
Hydrogen bond to DNA
Nonbonded contact to DNA (< 3.35A)
88
W
Water molecule and number

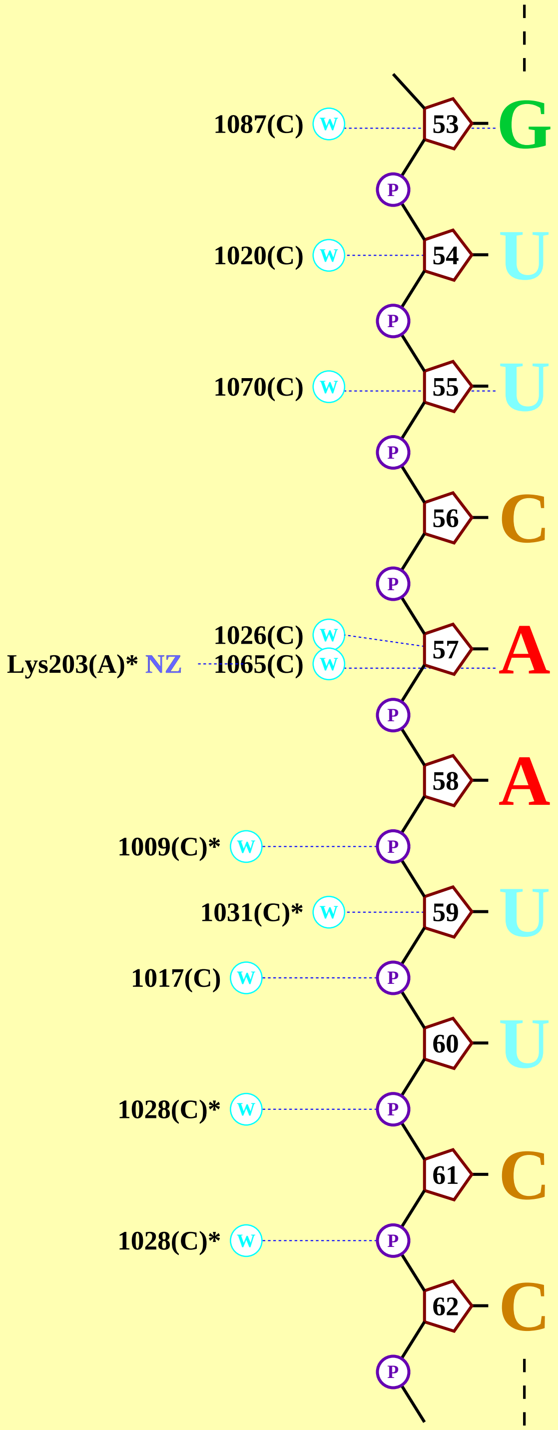
file


Chain C
42
G
1100(C)
1116(C)
43
G
44
C
45
G
46
C
Lys209(A) NZ
1126(C)
1076(C)
47
G
48
C
50
G
1145(C)
51
G
1033(C)
52
G
P
W

Key


3 Backbone sugar and base-number
P Phosphate group
* Residue/water on plot more than once
Hydrogen bond to DNA
Nonbonded contact to DNA (< 3.35A)
88 W Water molecule and number

Chain C



Key

3 Backbone sugar and base-number

P Phosphate group

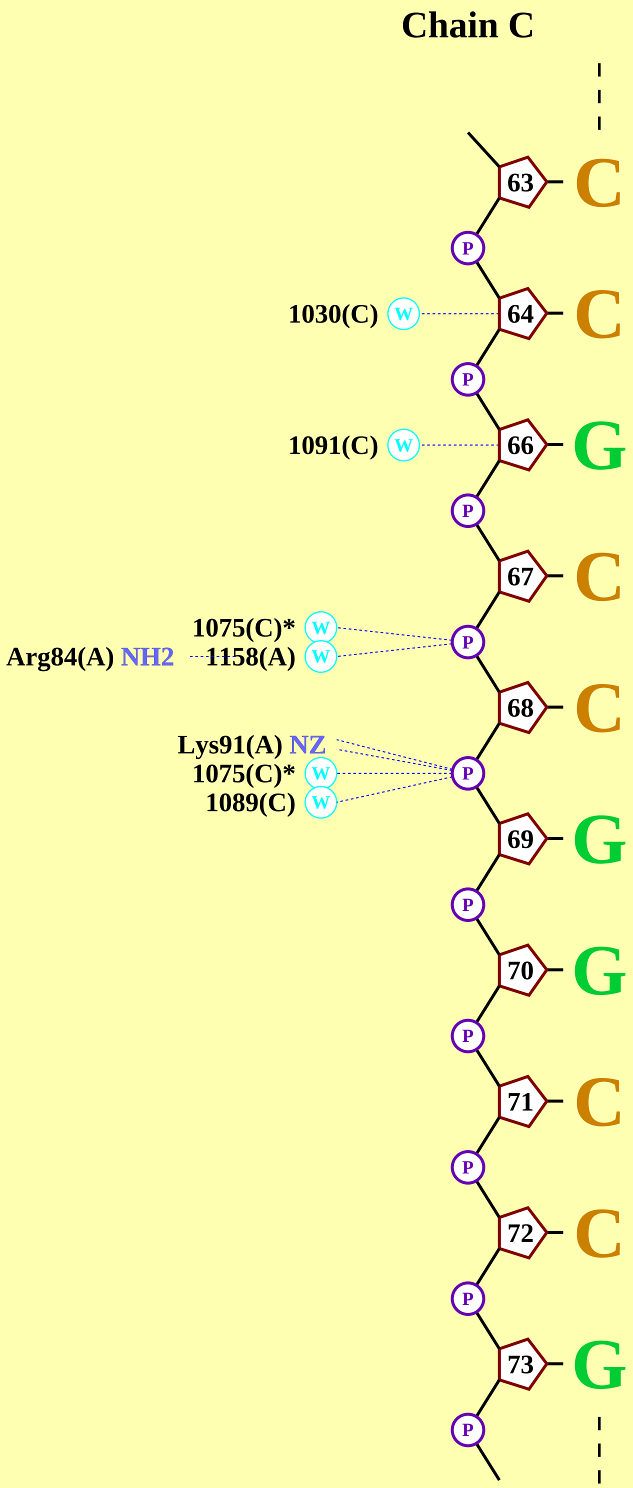
* Residue/water on plot more than once

Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

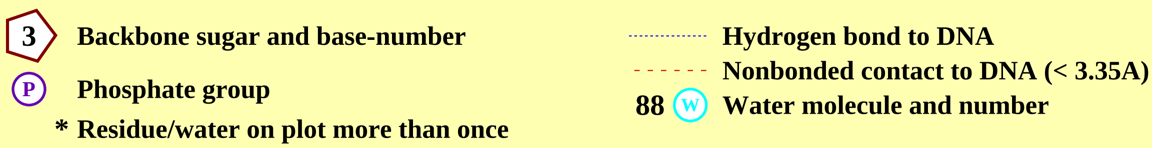
88 W Water molecule and number

file



Chain C
63
C
64
C
1030(C)
66
G
1091(C)
67
C
1075(C)*
Arg84(A) NH2
1158(A)
68
C
Lys91(A) NZ
1075(C)*
1089(C)
69
G
70
G
71
C
72
C
73
G

Key



3 Backbone sugar and base-number
P Phosphate group
* Residue/water on plot more than once
Hydrogen bond to DNA
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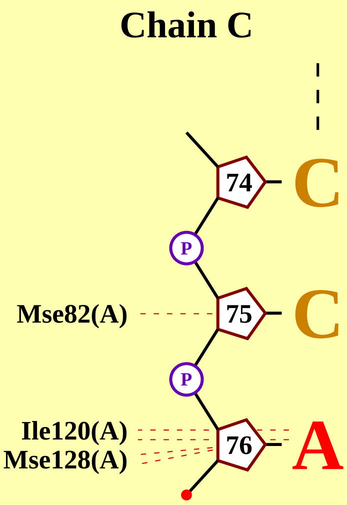
88 W Water molecule and number

file



Key

3 Backbone sugar and base-number

P Phosphate group

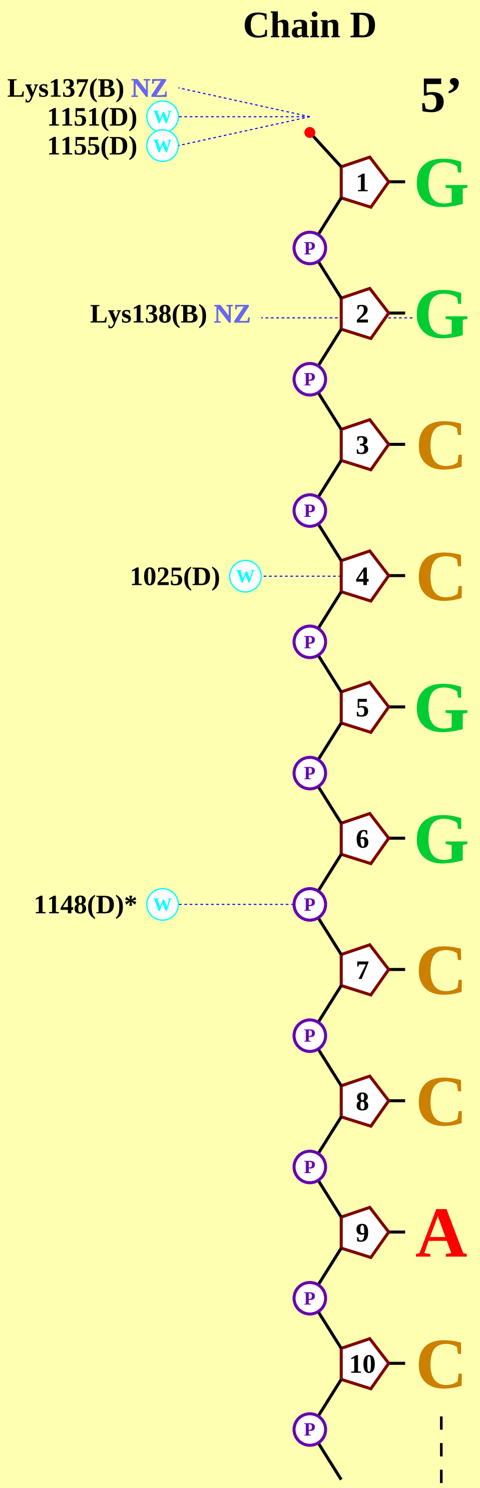
* Residue/water on plot more than once

Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

file



Key

3 Backbone sugar and base-number

P Phosphate group

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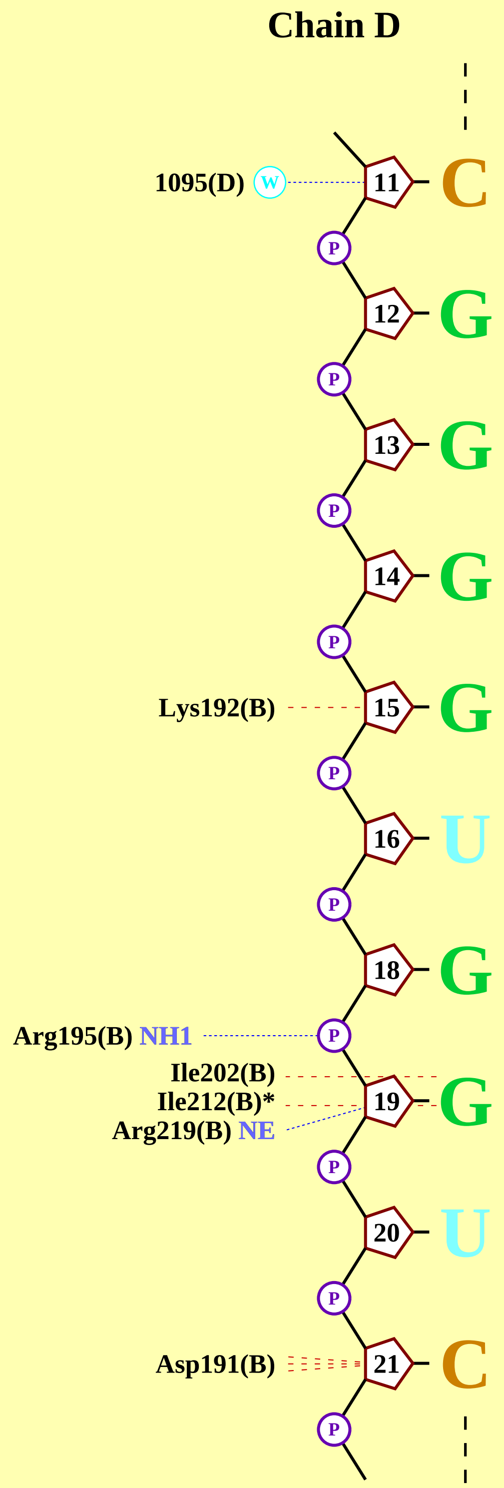
Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

file



Key

3 Backbone sugar and base-number

P Phosphate group

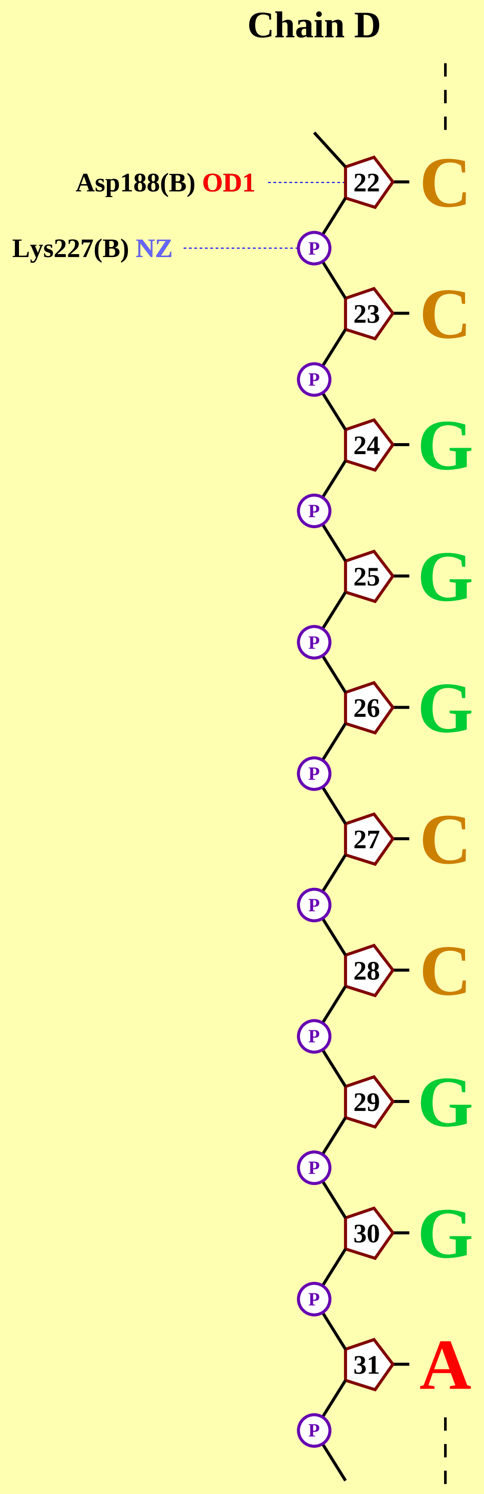
* Residue/water on plot more than once

Hydrogen bond to DNA

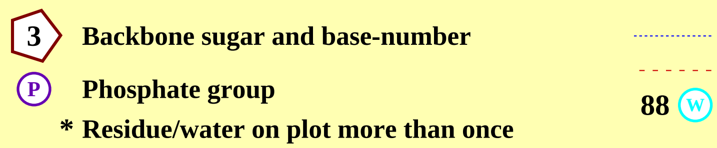
Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

file



Key



Backbone sugar and base-number

Phosphate group

* Residue/water on plot more than once

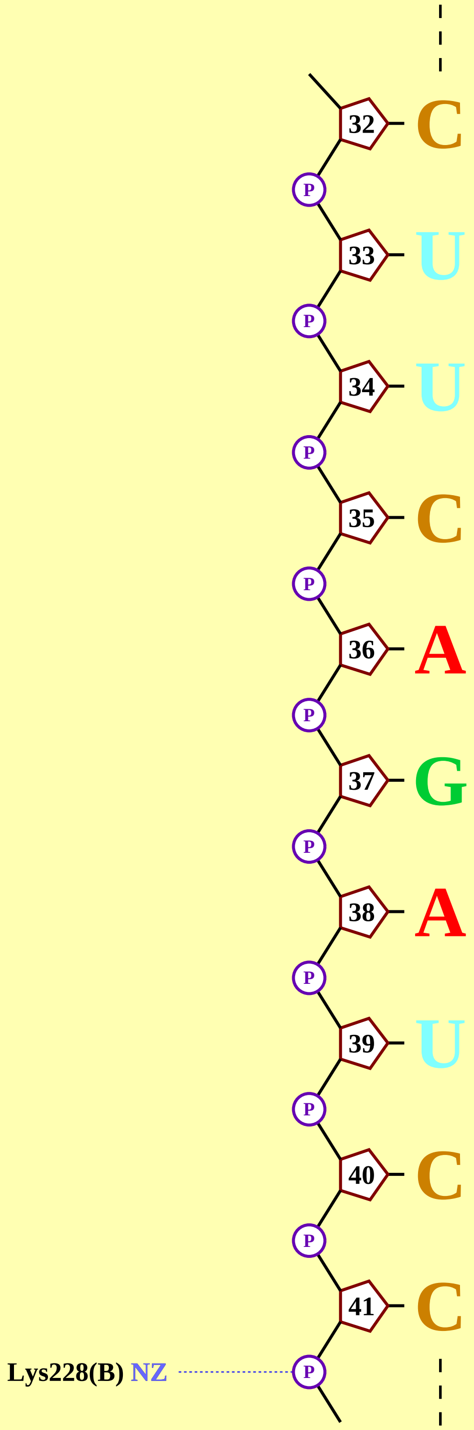
Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

88 Water molecule and number

file

Chain D



Key

3 Backbone sugar and base-number

P Phosphate group

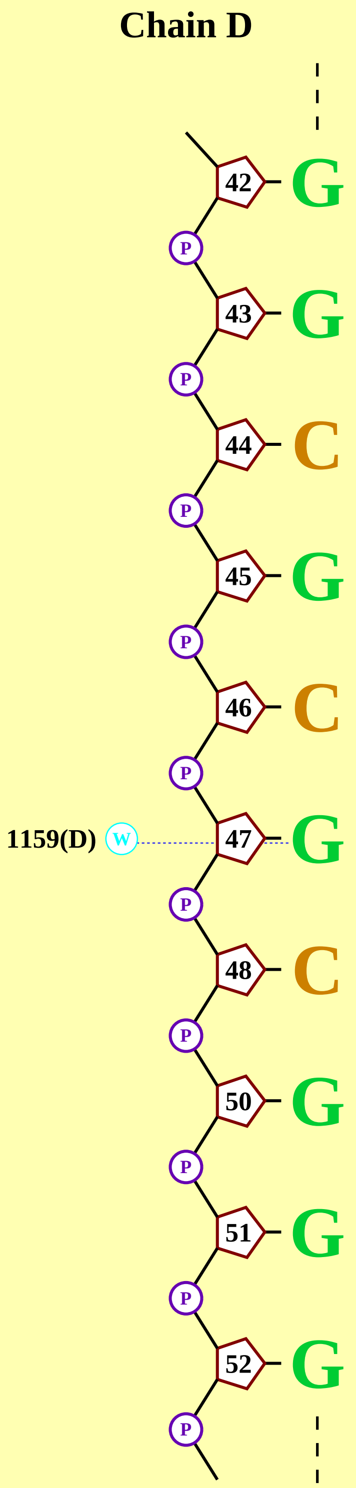
* Residue/water on plot more than once

Hydrogen bond to DNA

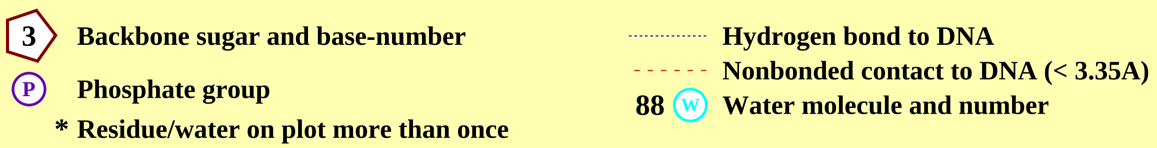
Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

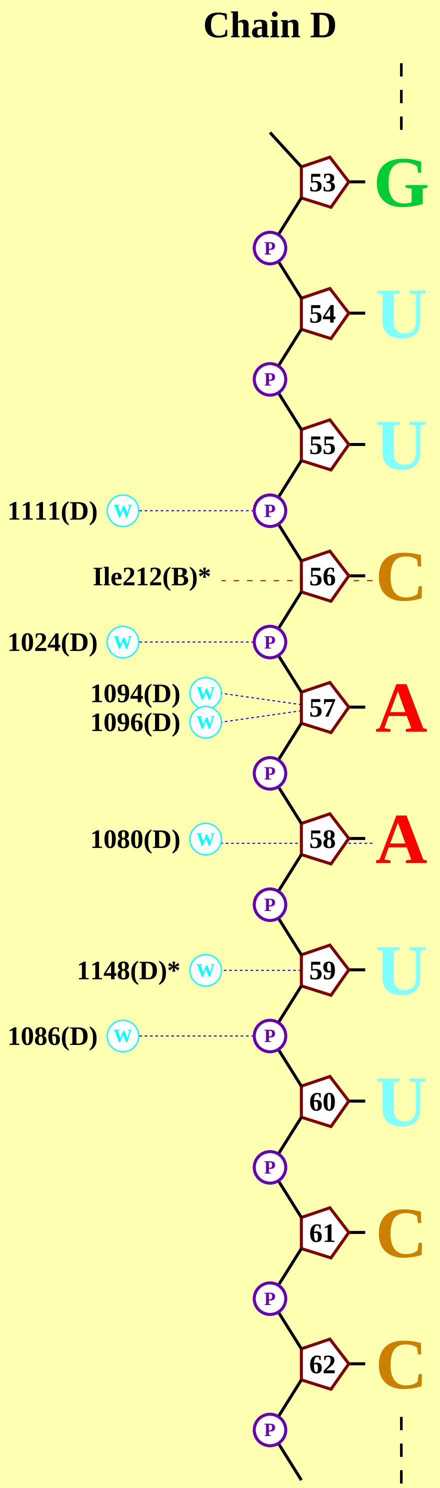
file


Chain D
42 G
43 G
44 C
45 G
46 C
1159(D) W
47 G
48 C
50 G
51 G
52 G
P

Key


3 Backbone sugar and base-number
P Phosphate group
* Residue/water on plot more than once
Hydrogen bond to DNA
Nonbonded contact to DNA (< 3.35A)
88 W Water molecule and number

file



Key

3 Backbone sugar and base-number

P Phosphate group

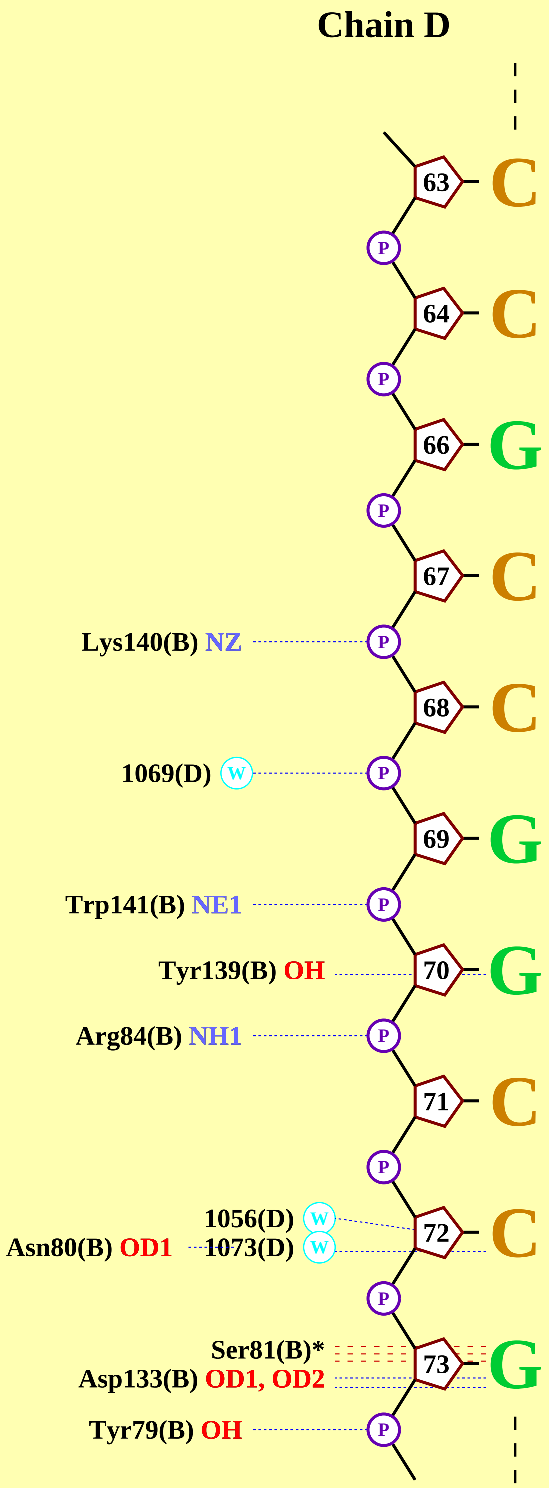
* Residue/water on plot more than once

Hydrogen bond to DNA

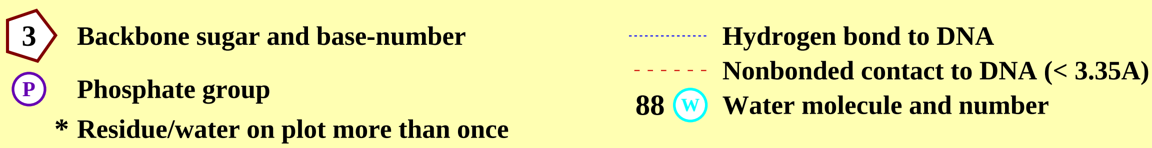
Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

file


Chain D
63
C
64
C
66
G
67
C
Lys140(B) NZ
68
C
1069(D)
69
G
Trp141(B) NE1
Tyr139(B) OH
70
G
Arg84(B) NH1
71
C
1056(D)
Asn80(B) OD1
1073(D)
72
C
Ser81(B)*
Asp133(B) OD1, OD2
73
G
Tyr79(B) OH

Key


3
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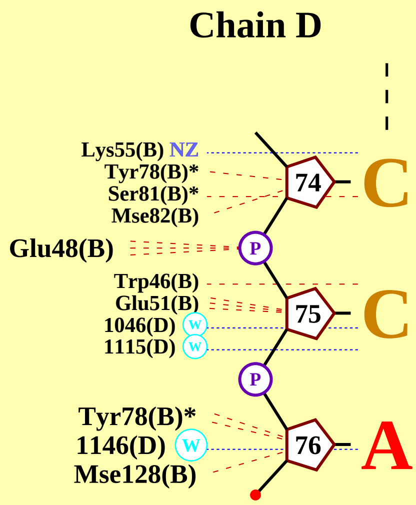
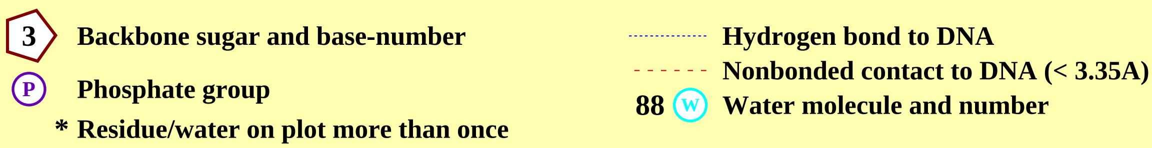

Chain D
Lys55(B) NZ
Tyr78(B)*
Ser81(B)*
Mse82(B)
74
C
Glu48(B)
P
Trp46(B)
Glu51(B)
1046(D)
1115(D)
W
75
C
P
Tyr78(B)*
1146(D)
Mse128(B)
76
A

Key


3
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Water molecule and number

file