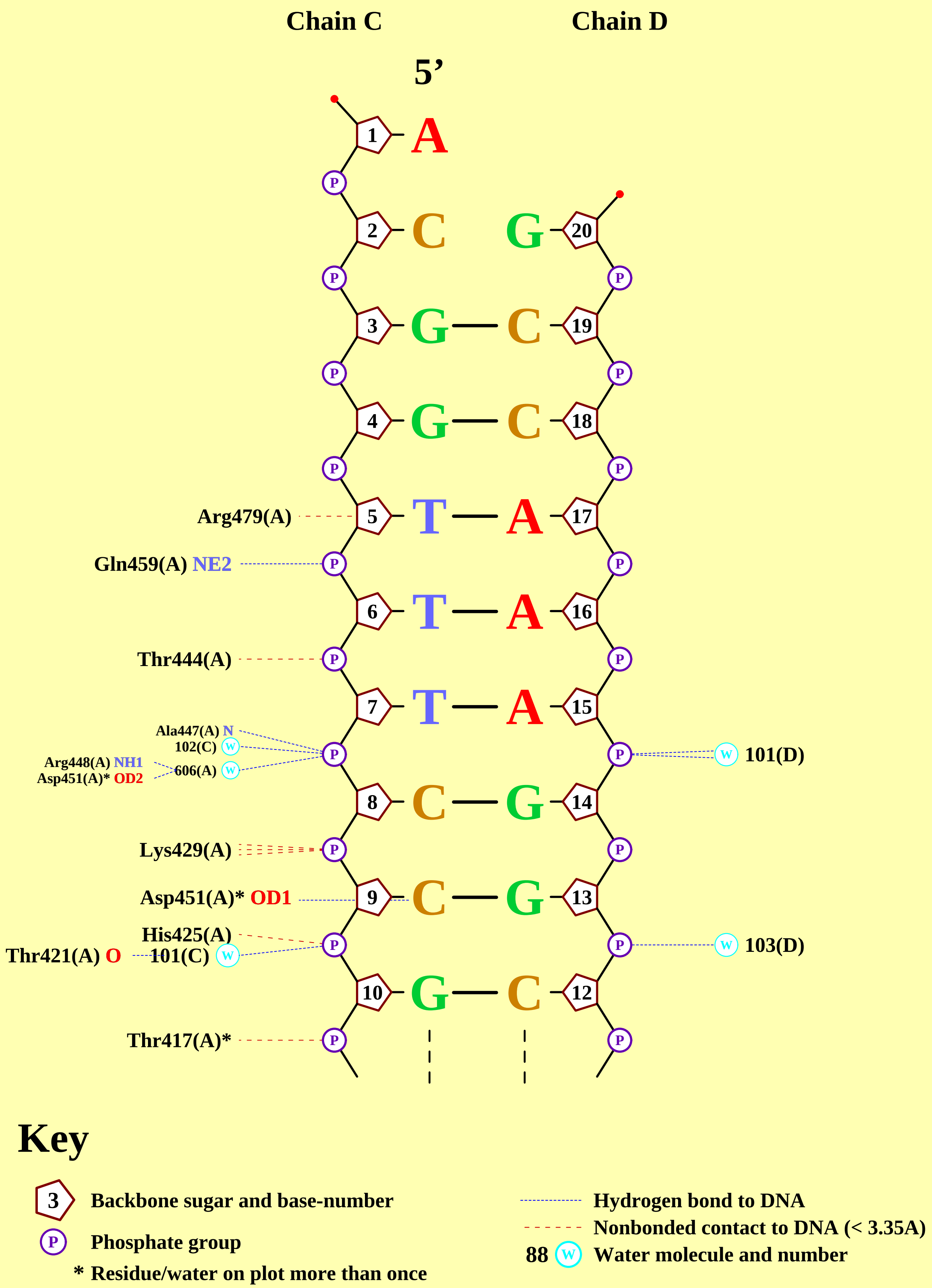
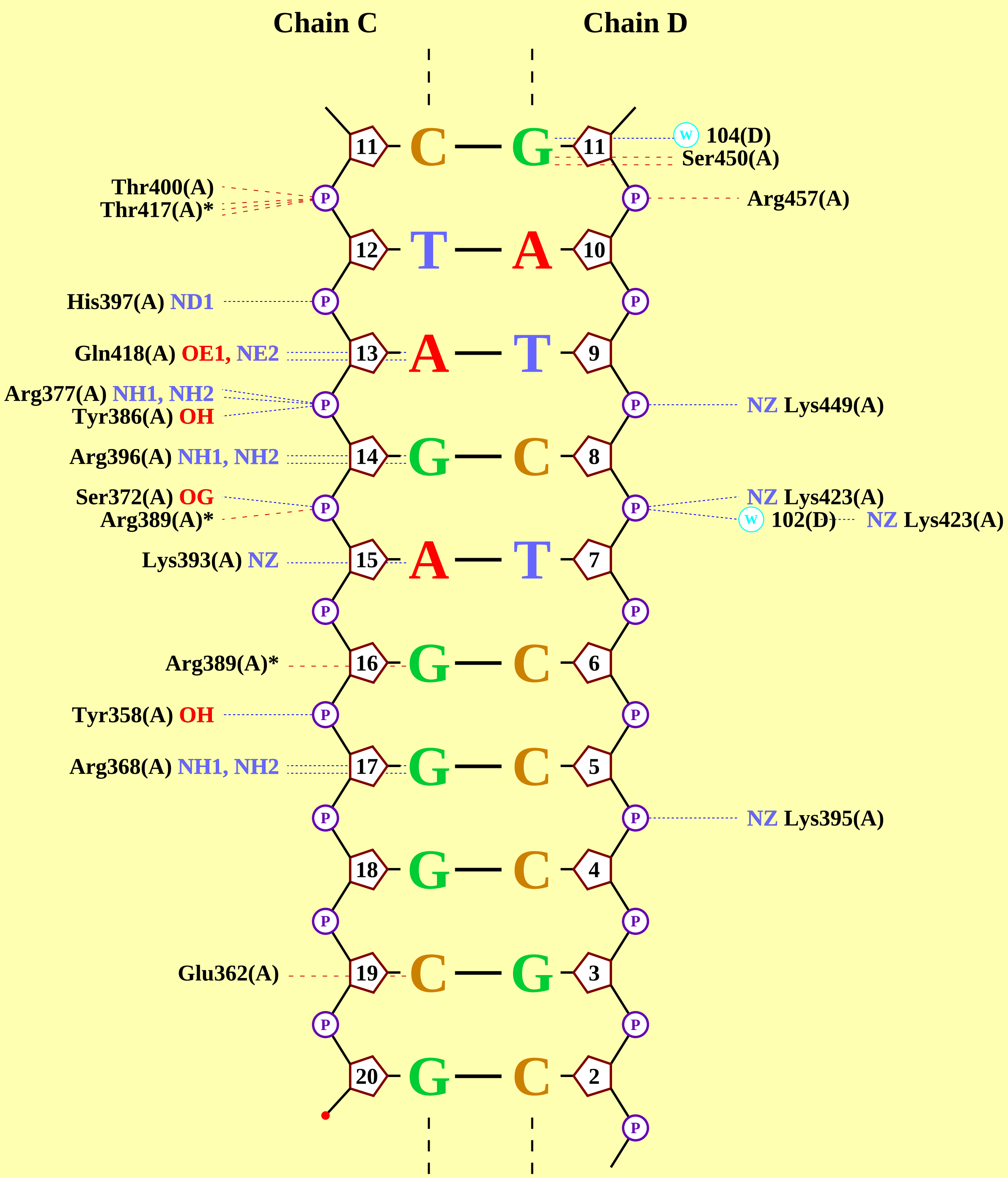


Chain C
Chain D
5’
A
C
G
G
T
T
T
C
C
G
G
C
C
A
A
A
G
G
C
1
2
3
4
5
6
7
8
9
10
20
19
18
17
16
15
14
13
12
Arg479(A)
Gln459(A) NE2
Thr444(A)
Ala447(A) N
102(C)
Arg448(A) NH1
Asp451(A)* OD2
606(A)
101(D)
Lys429(A)
Asp451(A)* OD1
His425(A)
Thr421(A) O
101(C)
103(D)
Thr417(A)*
Key
Backbone sugar and base-number
Phosphate group
* Residue/water on plot more than once
Hydrogen bond to DNA
Nonbonded contact to DNA (< 3.35A)
88
Water molecule and number

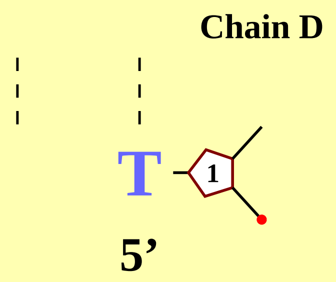
file



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



Key

3 Backbone sugar and base-number

P Phosphate group

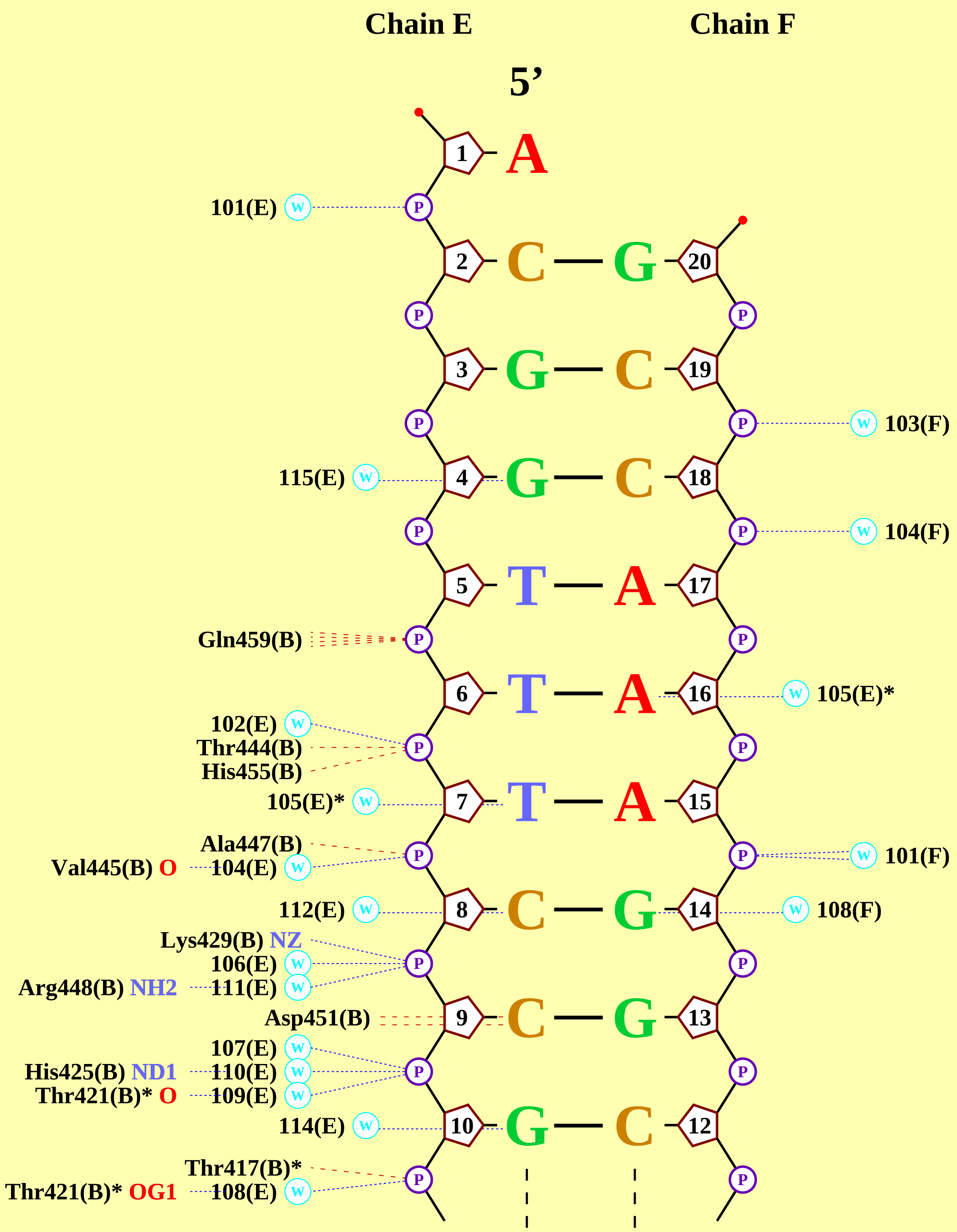
* Residue/water on plot more than once

Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

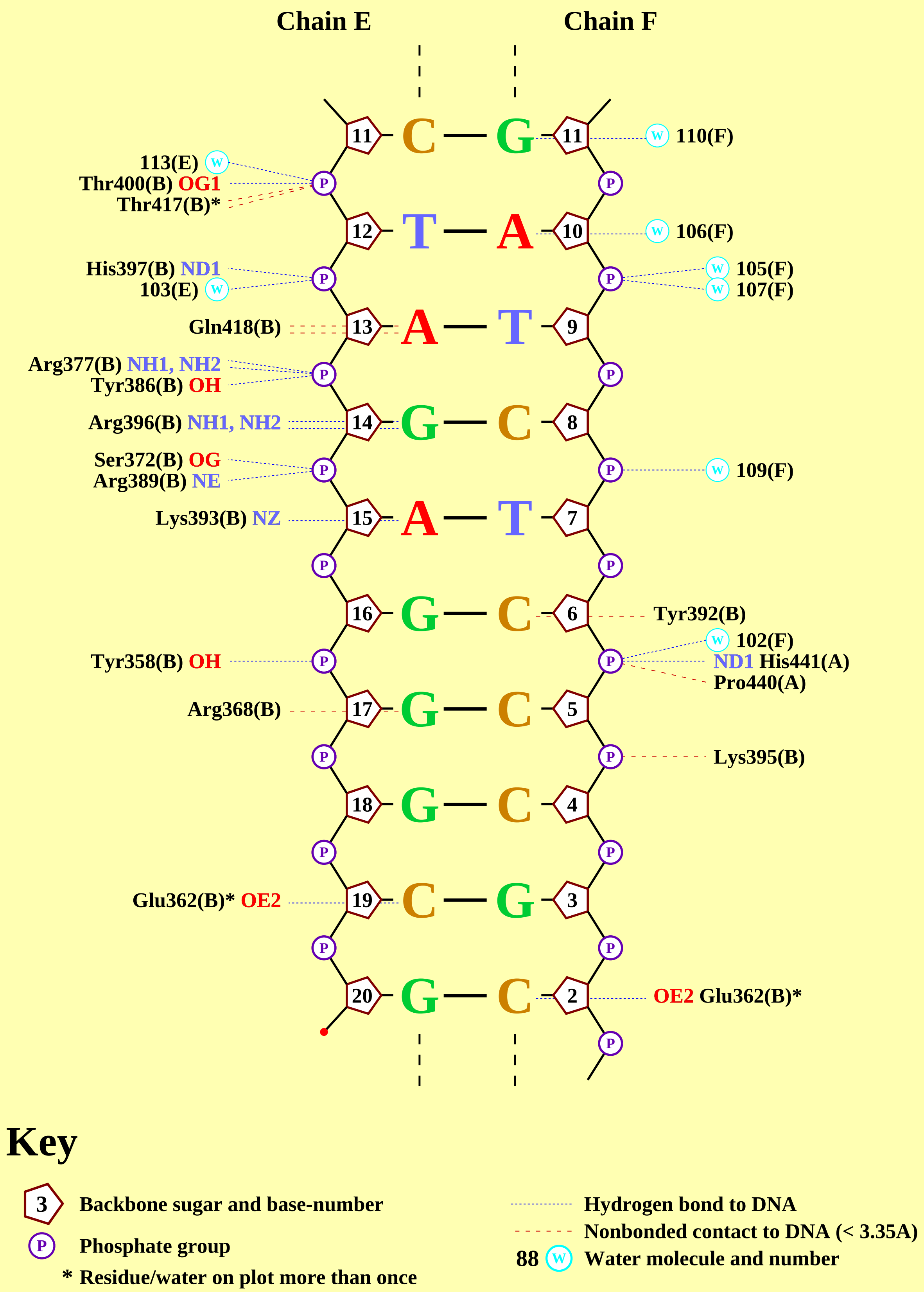
file



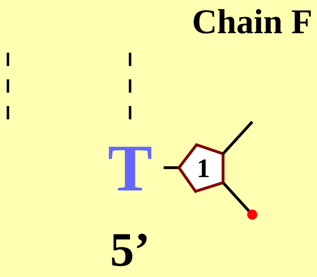
Key

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

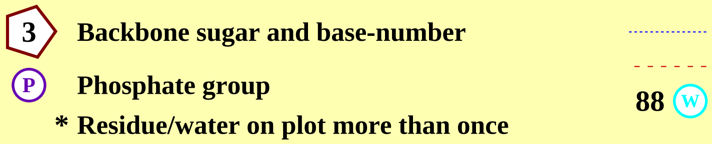
file


Chain E
Chain F
C — G
T — A
A — T
G — C
A — T
G — C
G — C
G — C
C — G
G — C
11
12
13
14
15
16
17
18
19
20
11
10
9
8
7
6
5
4
3
2
113(E)
Thr400(B) OG1
Thr417(B)*
His397(B) ND1
103(E)
Gln418(B)
Arg377(B) NH1, NH2
Tyr386(B) OH
Arg396(B) NH1, NH2
Ser372(B) OG
Arg389(B) NE
Lys393(B) NZ
Tyr358(B) OH
Arg368(B)
Glu362(B)* OE2
110(F)
106(F)
105(F)
107(F)
109(F)
Tyr392(B)
102(F)
ND1 His441(A)
Pro440(A)
Lys395(B)
OE2 Glu362(B)*
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



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