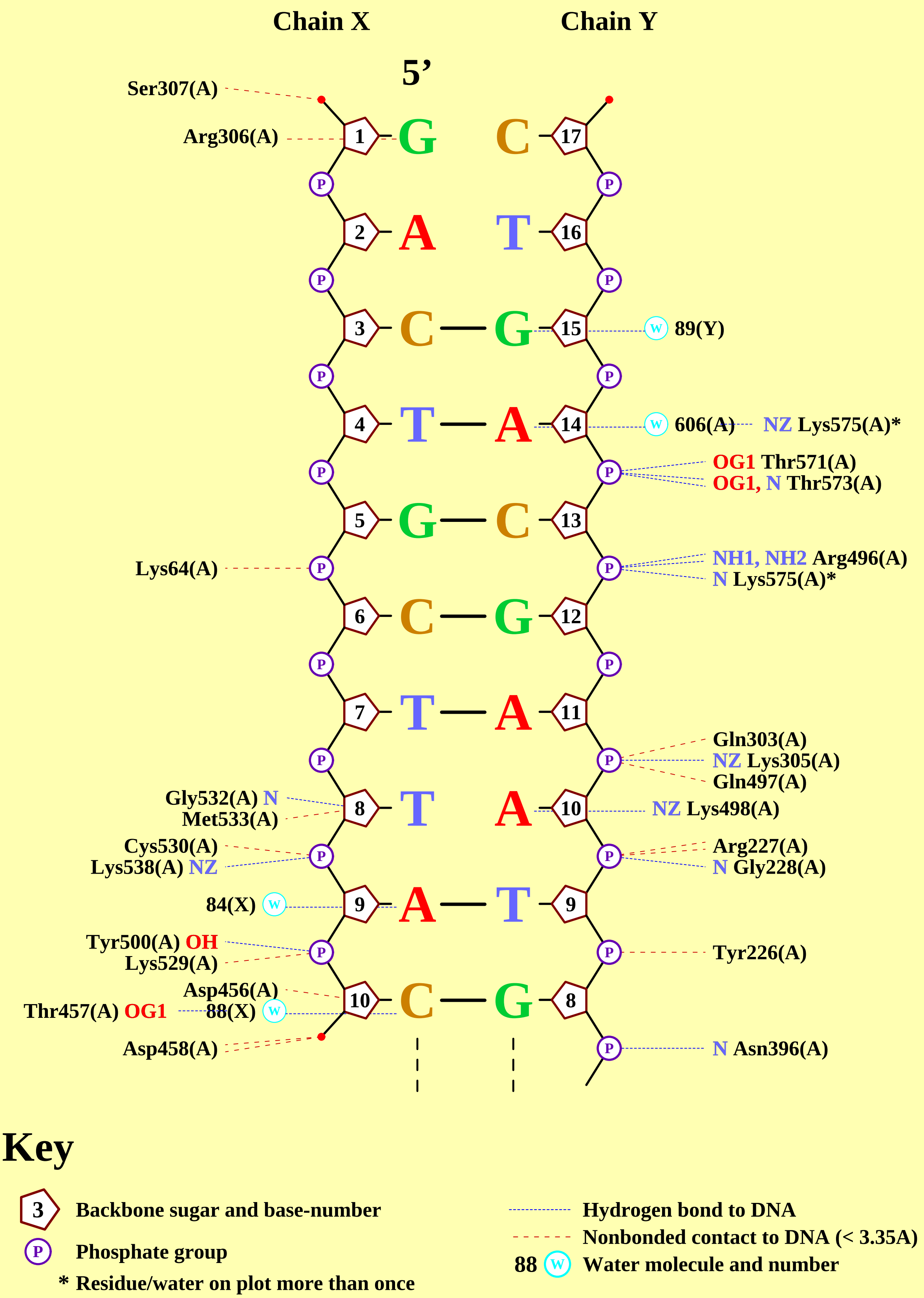
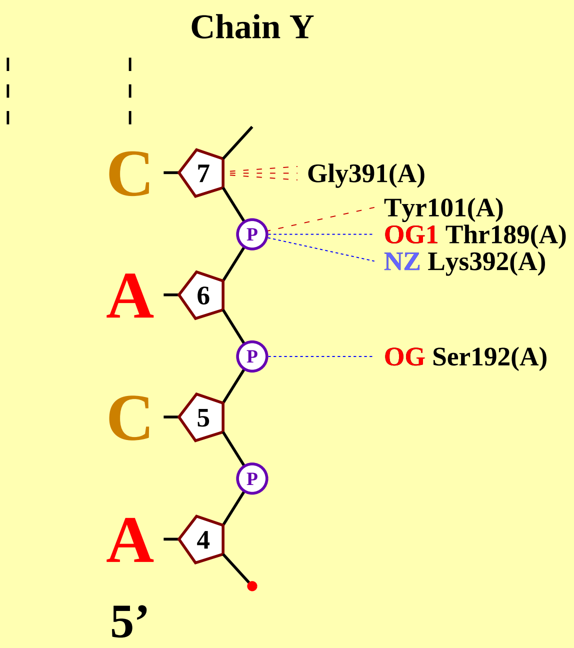


Chain X
Chain Y
5’
Ser307(A)
Arg306(A)
Lys64(A)
Gly532(A) N
Met533(A)
Cys530(A)
Lys538(A) NZ
84(X)
Tyr500(A) OH
Lys529(A)
Asp456(A)
Thr457(A) OG1
88(X)
Asp458(A)
89(Y)
606(A)
NZ Lys575(A)*
OG1 Thr571(A)
OG1, N Thr573(A)
NH1, NH2 Arg496(A)
N Lys575(A)*
Gln303(A)
NZ Lys305(A)
Gln497(A)
NZ Lys498(A)
Arg227(A)
N Gly228(A)
Tyr226(A)
N Asn396(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

3 Backbone sugar and base-number

P Phosphate group

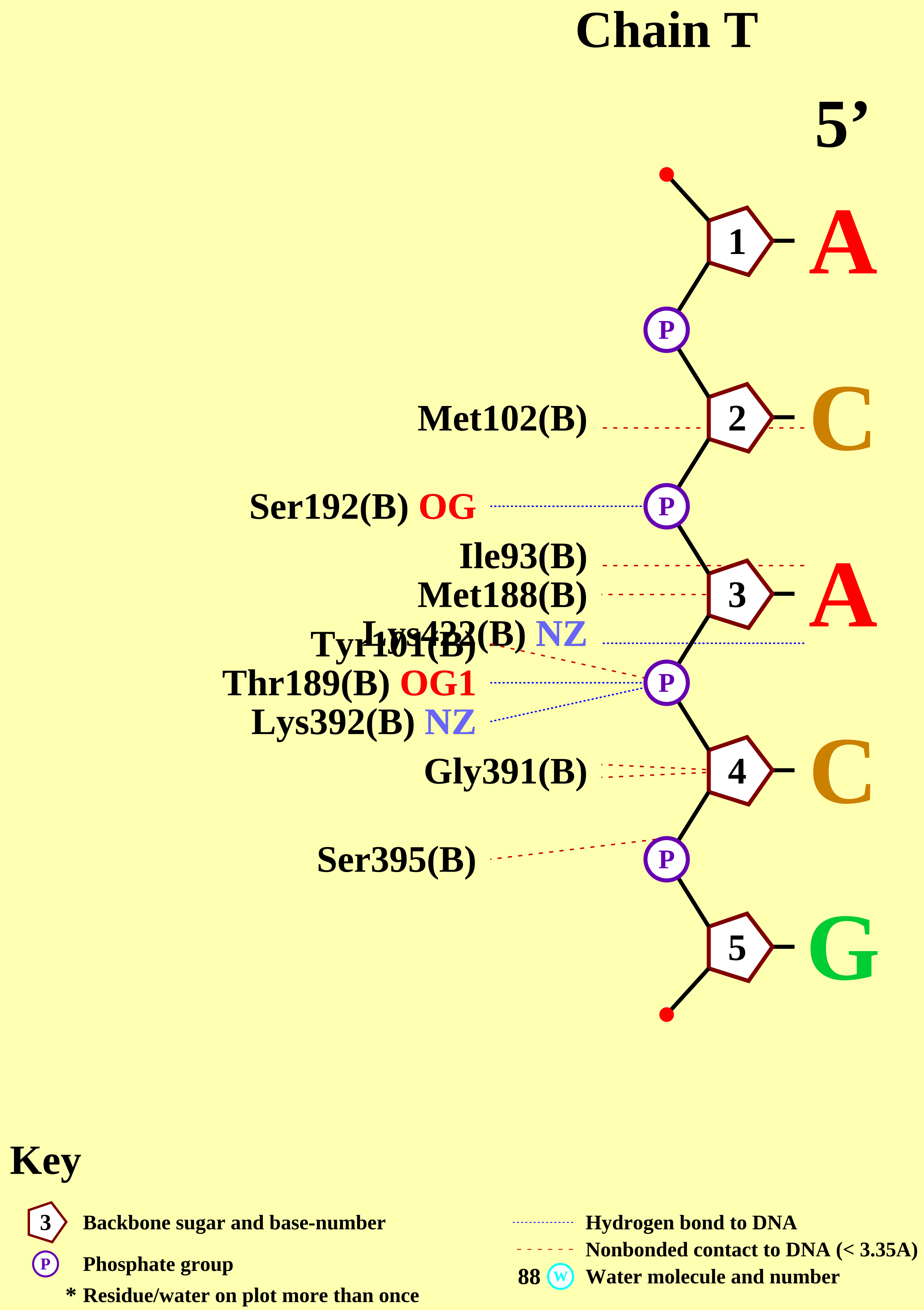
* Residue/water on plot more than once

Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

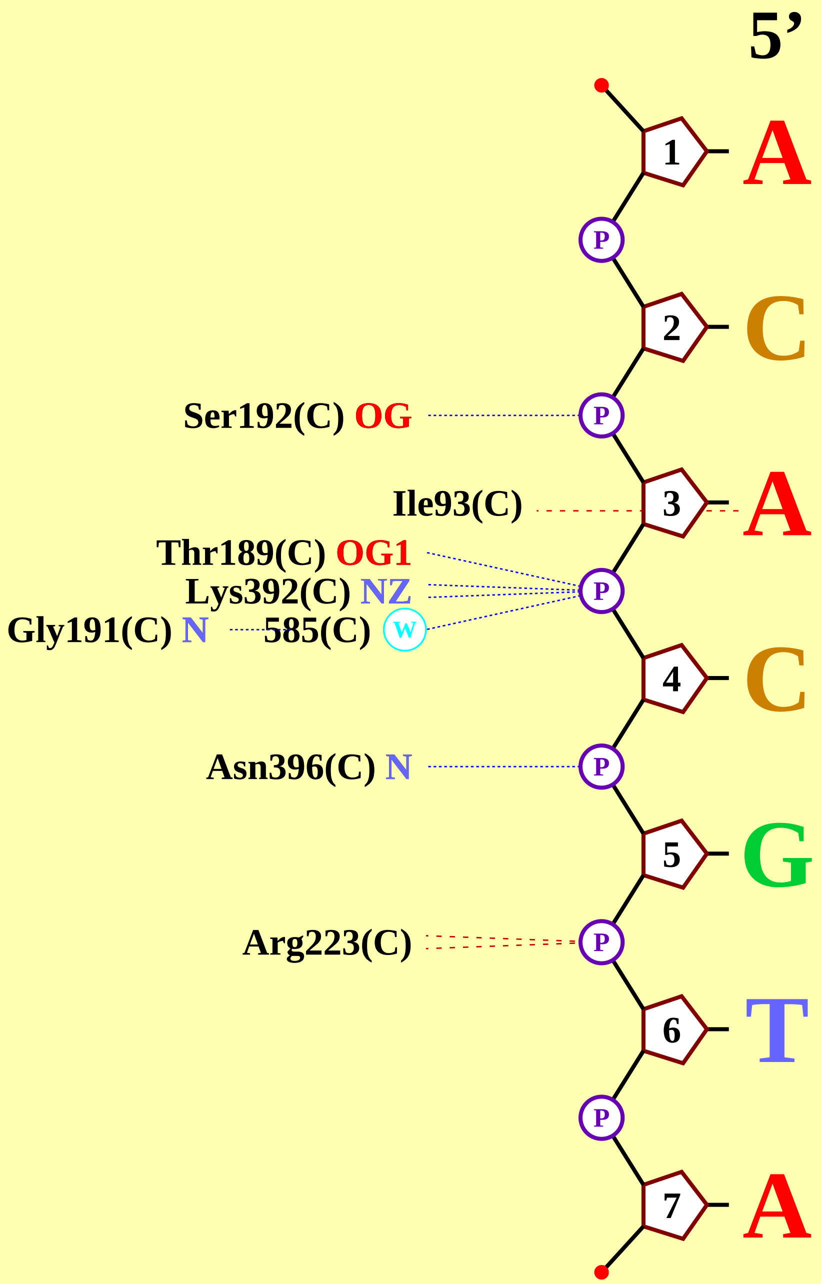
88 W Water molecule and number

file


Chain T
5’
1
A
P
Met102(B)
2
C
Ser192(B) OG
P
Ile93(B)
Met188(B)
3
A
Lys422(B) NZ
Tyr101(B)
Thr189(B) OG1
P
Lys392(B) NZ
Gly391(B)
4
C
Ser395(B)
P
5
G
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 U



Key

3 Backbone sugar and base-number

P Phosphate group

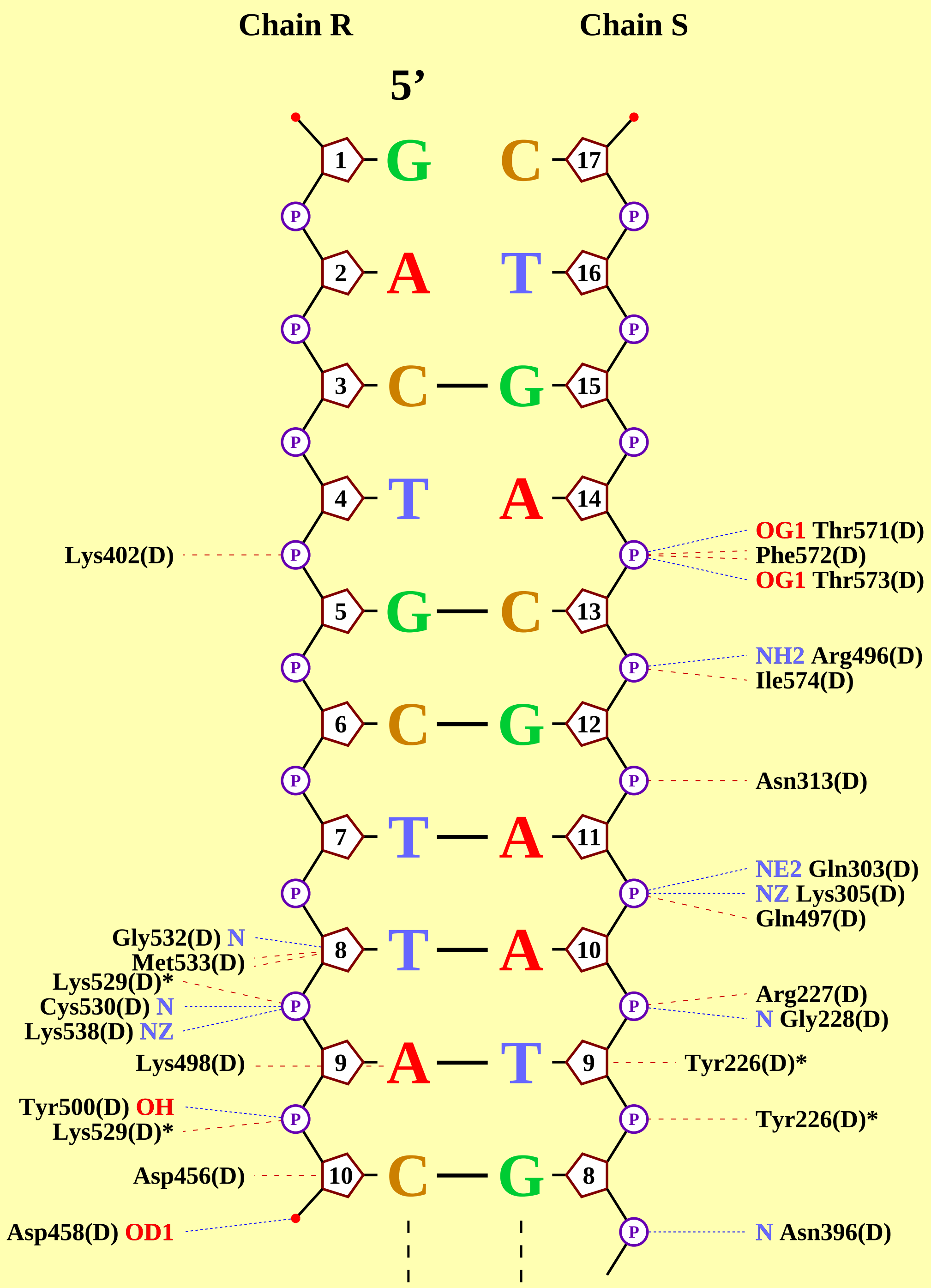
* Residue/water on plot more than once

Hydrogen bond to DNA

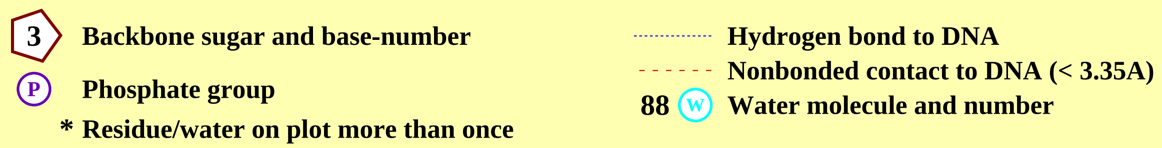
Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

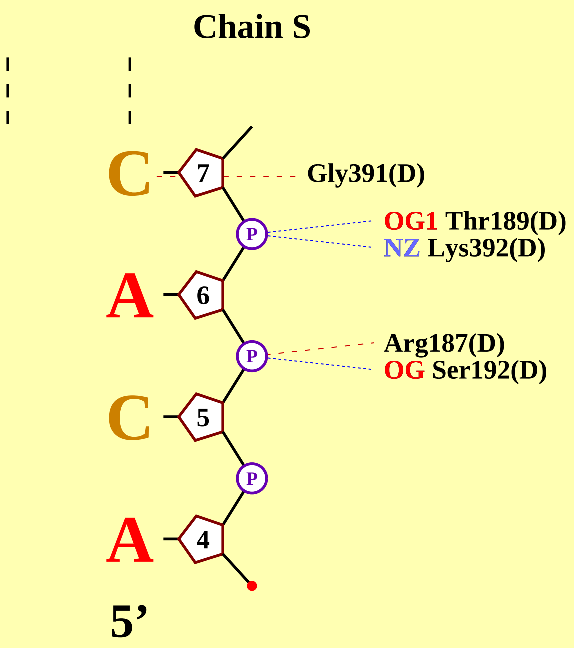
file


Chain R
Chain S
5’
G C 1 17
A T 2 16
C G 3 15
T A 4 14
G C 5 13
C G 6 12
T A 7 11
T A 8 10
A T 9 9
C G 10 8
Lys402(D)
OG1 Thr571(D)
Phe572(D)
OG1 Thr573(D)
NH2 Arg496(D)
Ile574(D)
Asn313(D)
NE2 Gln303(D)
NZ Lys305(D)
Gln497(D)
Gly532(D) N
Met533(D)
Lys529(D)*
Cys530(D) N
Lys538(D) NZ
Arg227(D)
N Gly228(D)
Lys498(D)
Tyr226(D)*
Tyr500(D) OH
Lys529(D)*
Tyr226(D)*
Asp456(D)
Asp458(D) OD1
N Asn396(D)

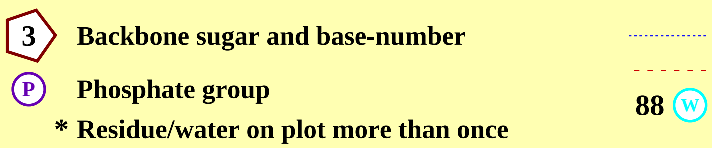
Key


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



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)

Water molecule and number

file