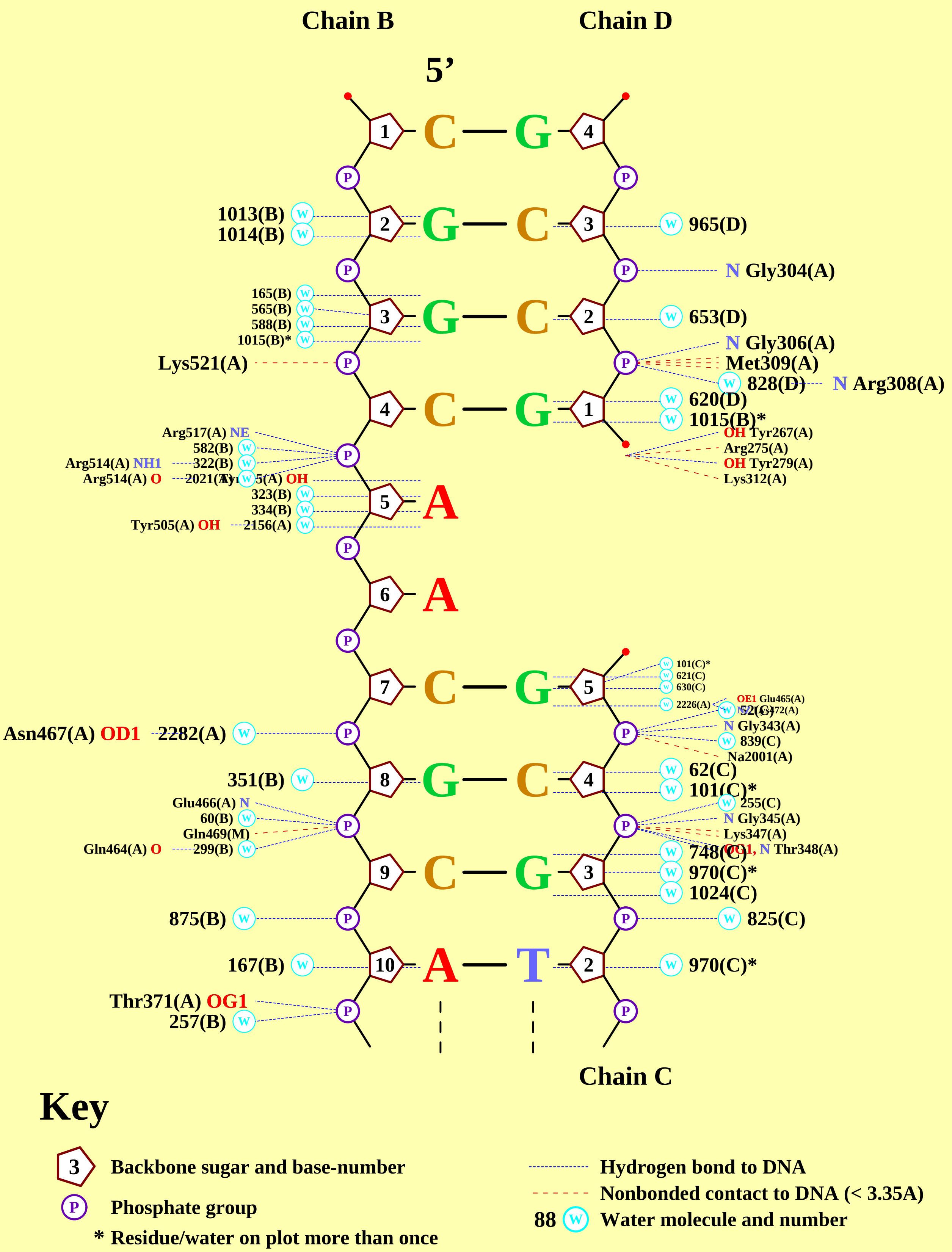
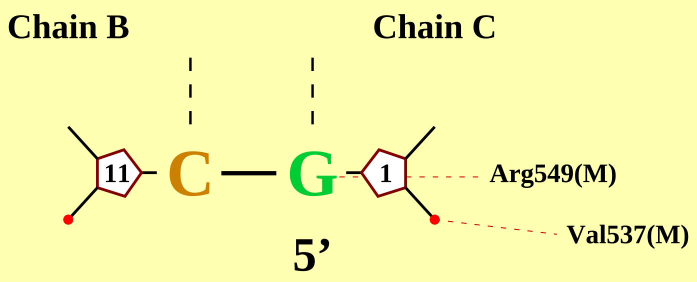
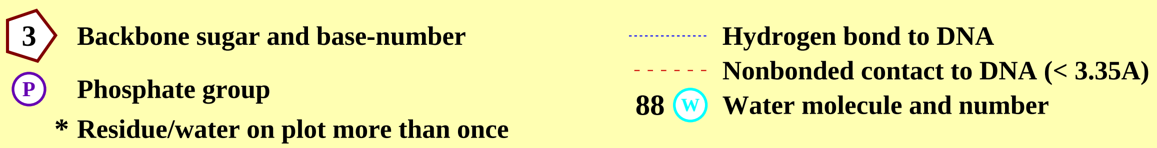

Chain B
Chain D
5’
1013(B)
1014(B)
965(D)
N Gly304(A)
165(B)
565(B)
588(B)
1015(B)*
653(D)
N Gly306(A)
Lys521(A)
Met309(A)
828(D)
N Arg308(A)
620(D)
1015(B)*
Arg517(A) NE
582(B)
Arg514(A) NH1
322(B)
Arg514(A) O
2021(A)
323(B)
334(B)
Tyr505(A) OH
2156(A)
OH Tyr267(A)
Arg275(A)
OH Tyr279(A)
Lys312(A)
101(C)*
621(C)
630(C)
2226(A)
OE1 Glu465(A)
52(C)
N Gly343(A)
839(C)
Na2001(A)
Asn467(A) OD1
2282(A)
351(B)
62(C)
101(C)*
Glu466(A) N
60(B)
Gln469(M)
Gln464(A) O
299(B)
255(C)
N Gly345(A)
Lys347(A)
748(C)
OG1, N Thr348(A)
970(C)*
1024(C)
875(B)
825(C)
167(B)
970(C)*
Thr371(A) OG1
257(B)
Chain C
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

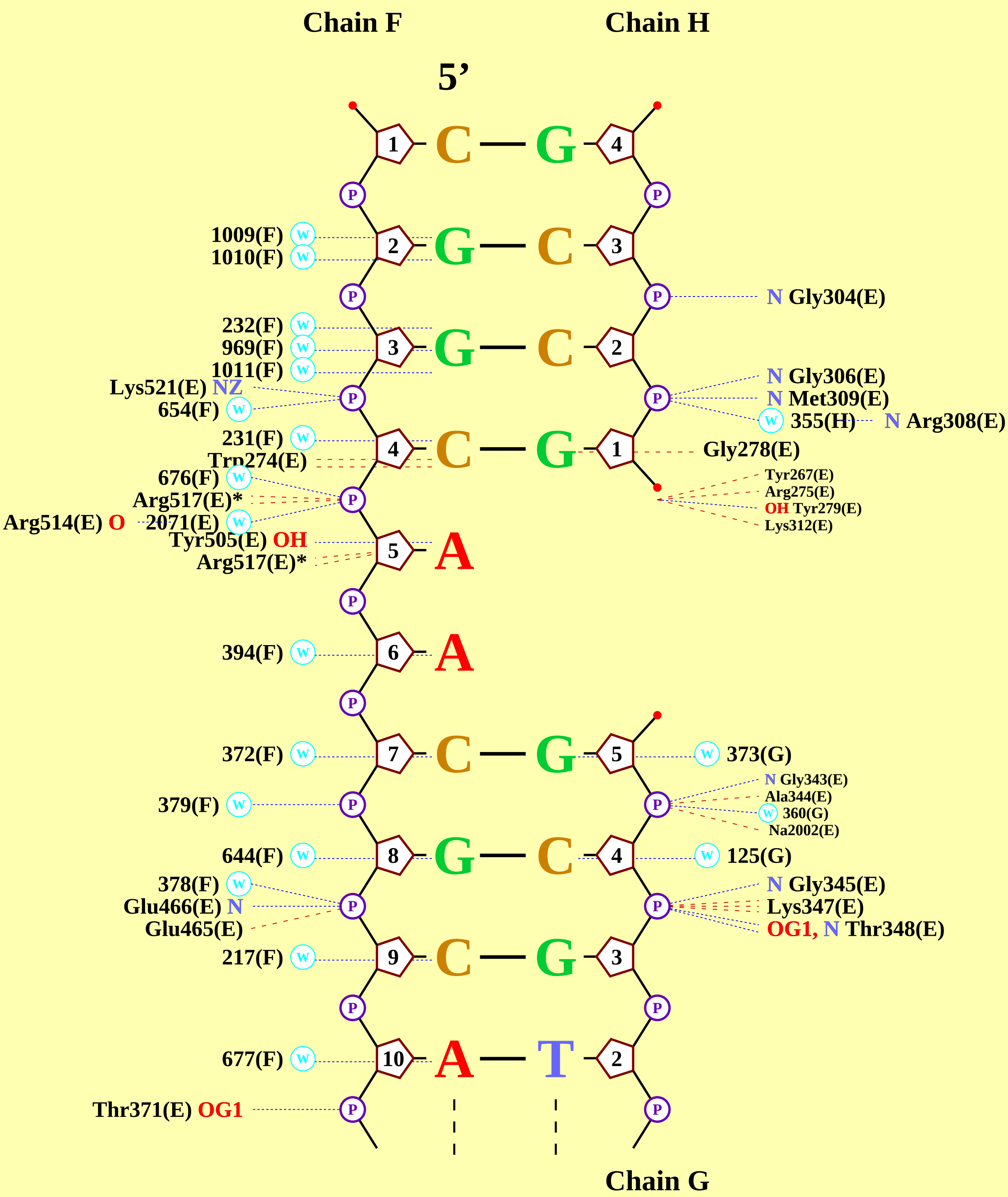
file


Chain B
Chain C
11
C
G
1
Arg549(M)
Val537(M)
5’

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

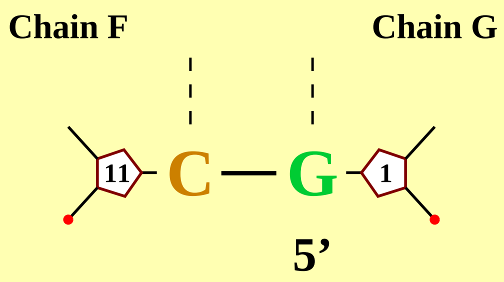
P Phosphate group

* Residue/water on plot more than once

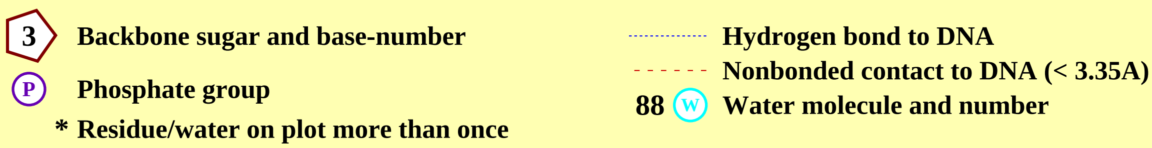
Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

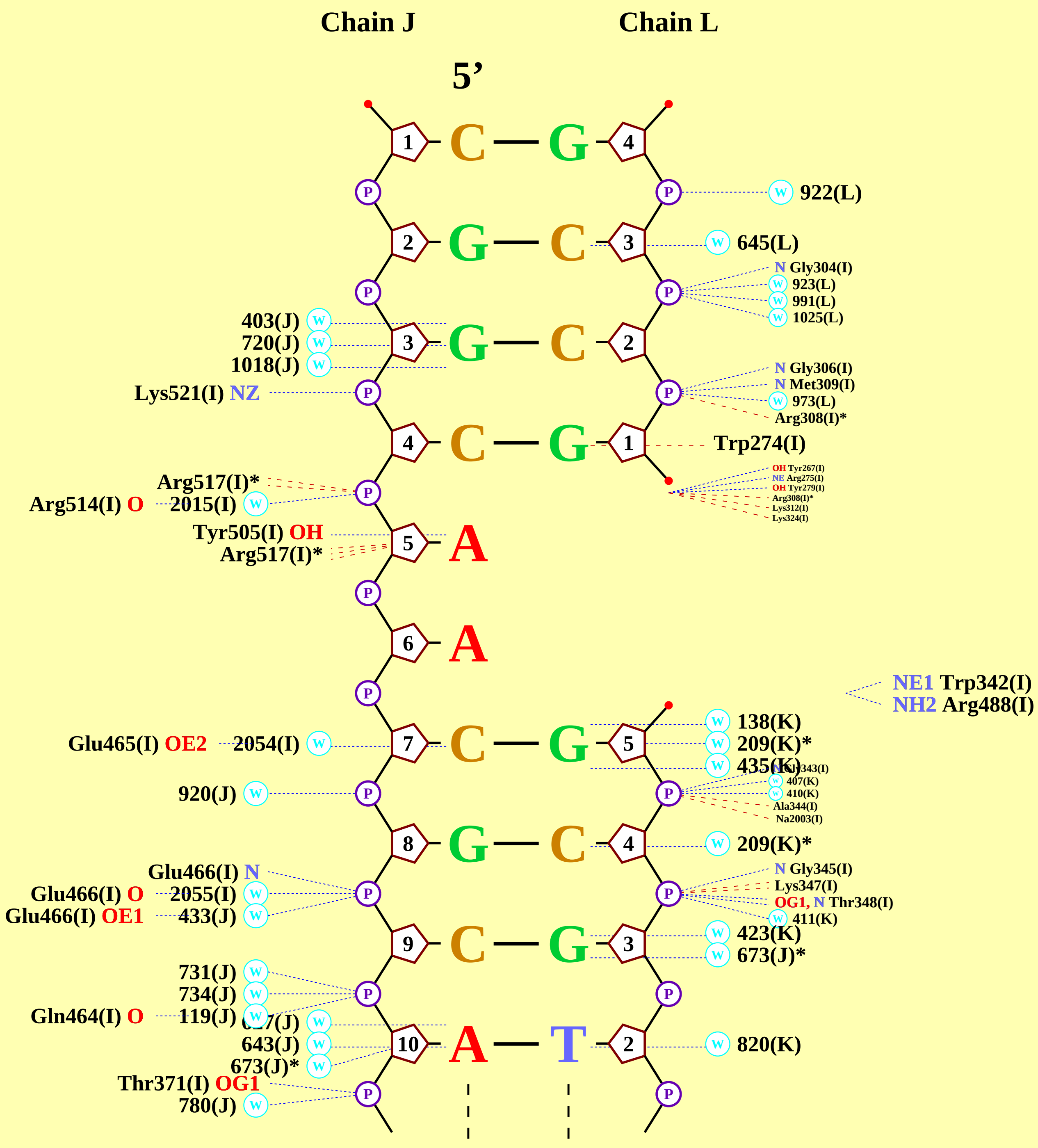
88 W Water molecule and number


Chain F
Chain G
11
C
G
1
5’

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

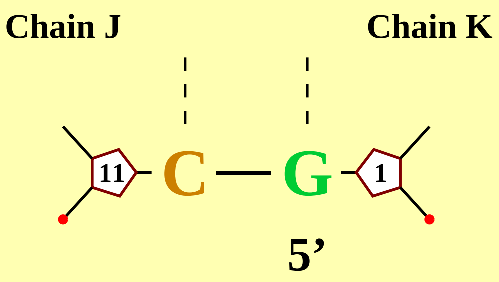
* Residue/water on plot more than once

Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

file



Key

Backbone sugar and base-number

Phosphate group

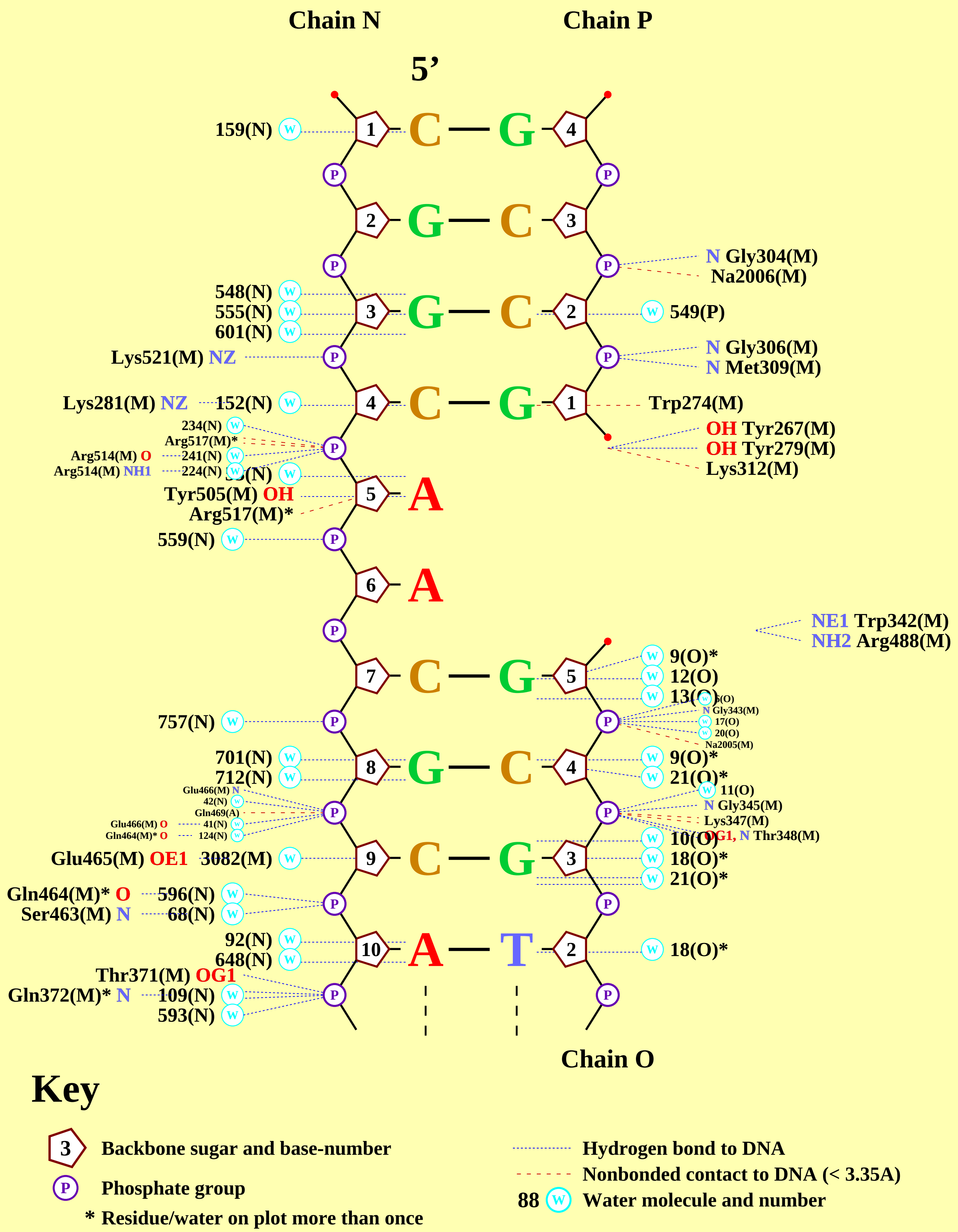
* Residue/water on plot more than once

Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

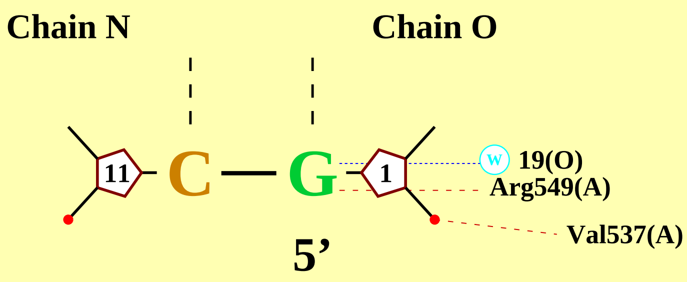
88 Water molecule and number

file

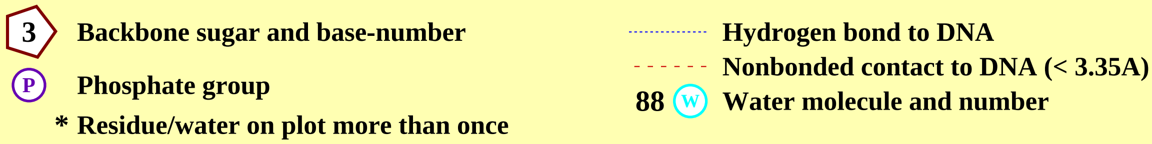


Chain N
Chain P
5’
159(N)
548(N)
555(N)
601(N)
Lys521(M) NZ
Lys281(M) NZ
152(N)
234(N)
Arg517(M)*
Arg514(M) O
241(N)
Arg514(M) NH1
224(N)
Tyr505(M) OH
Arg517(M)*
559(N)
757(N)
701(N)
712(N)
Glu466(M) N
42(N)
Gln469(A)
Glu466(M) O
41(N)
Gln464(M)* O
124(N)
Glu465(M) OE1
3082(M)
Gln464(M)* O
596(N)
Ser463(M) N
68(N)
92(N)
648(N)
Thr371(M) OG1
Gln372(M)* N
109(N)
593(N)
N Gly304(M)
Na2006(M)
549(P)
N Gly306(M)
N Met309(M)
Trp274(M)
OH Tyr267(M)
OH Tyr279(M)
Lys312(M)
NE1 Trp342(M)
NH2 Arg488(M)
9(O)*
12(O)
13(O)
N Gly343(M)
17(O)
20(O)
Na2005(M)
9(O)*
21(O)*
11(O)
N Gly345(M)
Lys347(M)
10(O)
OG1, N Thr348(M)
18(O)*
21(O)*
18(O)*
Chain O
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
Water molecule and number

file


Chain N
Chain O
11
C
G
1
19(O)
Arg549(A)
Val537(A)
5’

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