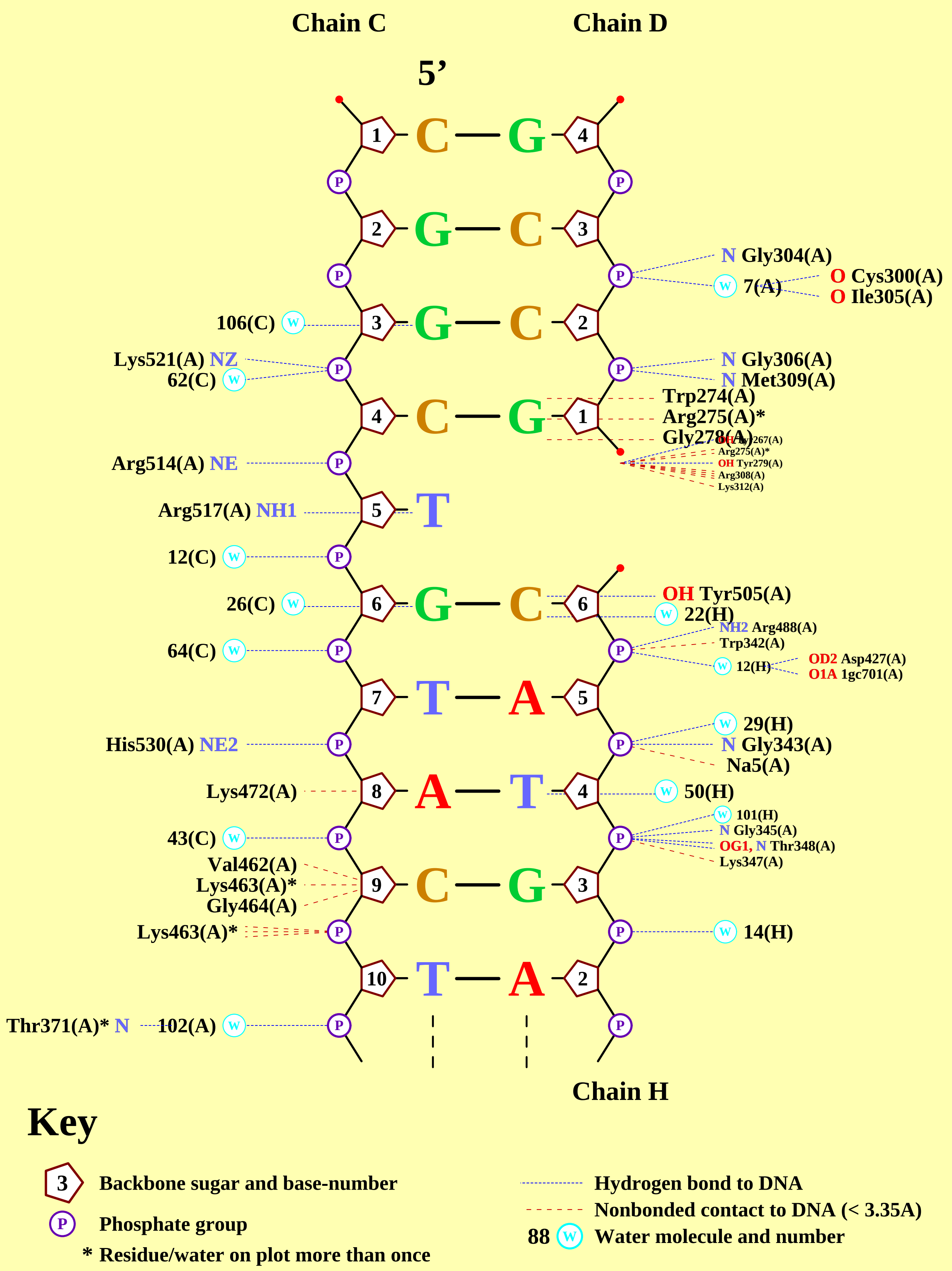
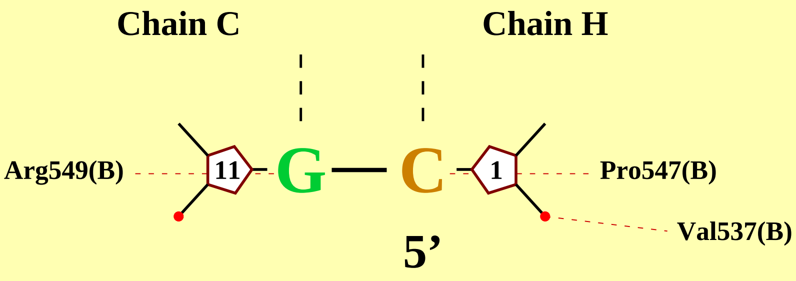

Chain C
Chain D
5’
1
C
G
4
P
P
2
G
C
3
N Gly304(A)
P
P
W 7(A)
O Cys300(A)
O Ile305(A)
106(C) W
3
G
C
2
Lys521(A) NZ
P
P
N Gly306(A)
62(C) W
N Met309(A)
4
C
G
1
Trp274(A)
Arg275(A)*
Gly278(A)
Arg514(A) NE
P
OH Tyr267(A)
Arg275(A)*
OH Tyr279(A)
Arg308(A)
Lys312(A)
Arg517(A) NH1
5
T
12(C) W
P
26(C) W
6
G
C
6
OH Tyr505(A)
W 22(H)
NH2 Arg488(A)
Trp342(A)
64(C) W
P
P
W 12(H)
OD2 Asp427(A)
O1A 1gc701(A)
7
T
A
5
His530(A) NE2
P
P
W 29(H)
N Gly343(A)
Na5(A)
Lys472(A)
8
A
T
4
W 50(H)
W 101(H)
N Gly345(A)
43(C) W
P
P
OG1, N Thr348(A)
Lys347(A)
Val462(A)
Lys463(A)*
9
C
G
3
Gly464(A)
Lys463(A)*
P
P
W 14(H)
10
T
A
2
Thr371(A)* N
102(A) W
P
P
Chain H
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

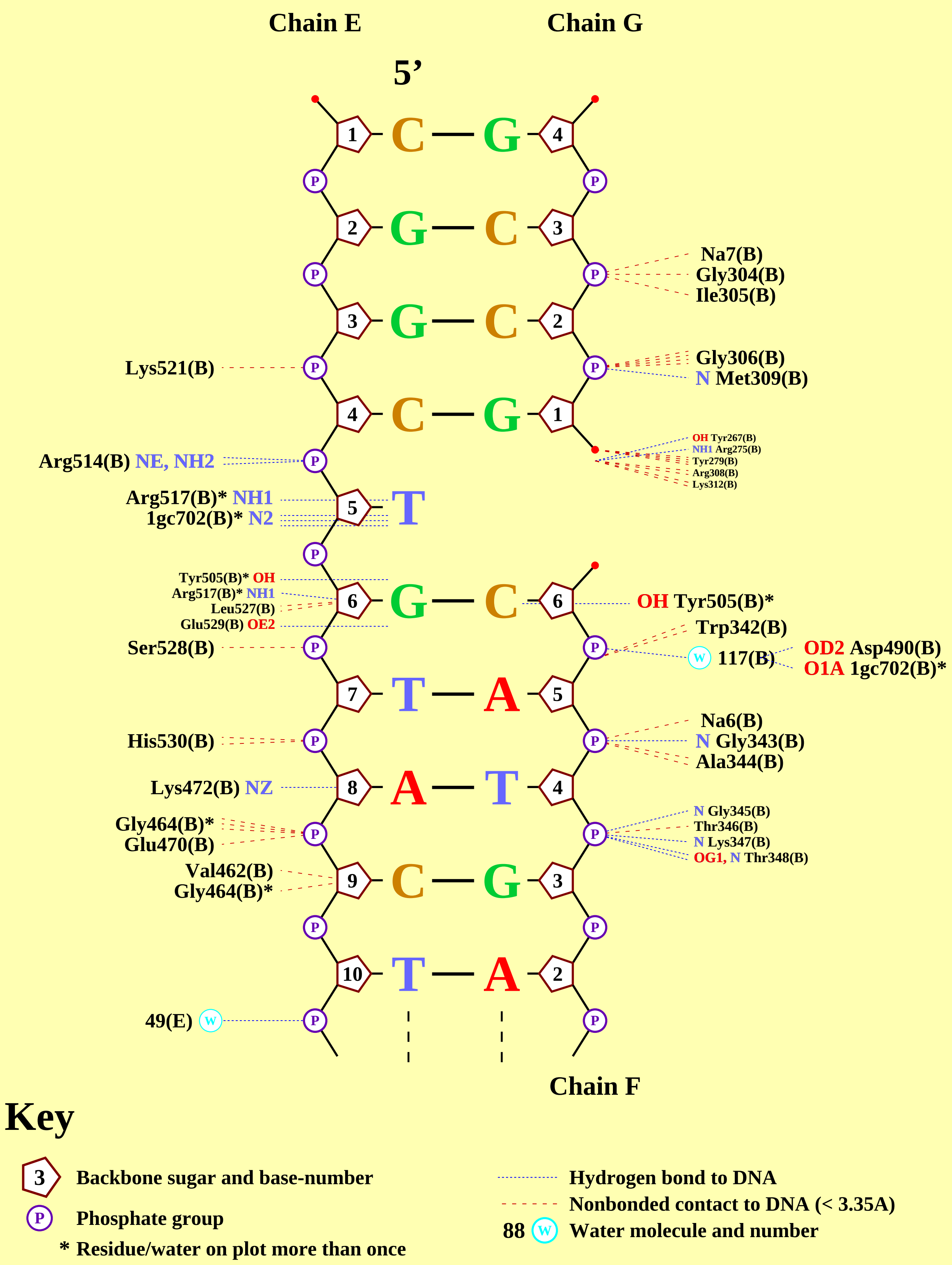
* Residue/water on plot more than once

Hydrogen bond to DNA

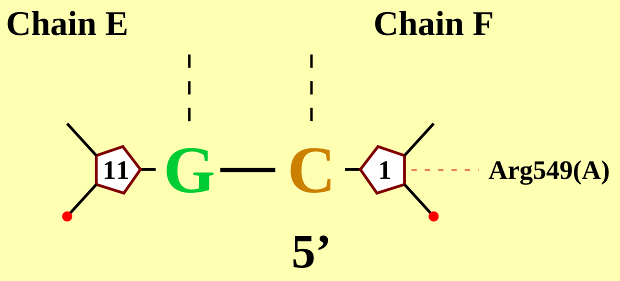
Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

file


Chain E
Chain G
5’
1 C — G 4
2 G — C 3
3 G — C 2
4 C — G 1
5 T
6 G — C 6
7 T — A 5
8 A — T 4
9 C — G 3
10 T — A 2
P
Na7(B)
Gly304(B)
Ile305(B)
Lys521(B)
Gly306(B)
N Met309(B)
OH Tyr267(B)
NH1 Arg275(B)
Tyr279(B)
Arg308(B)
Lys312(B)
Arg514(B) NE, NH2
Arg517(B)* NH1
1gc702(B)* N2
Tyr505(B)* OH
Arg517(B)* NH1
Leu527(B)
Glu529(B) OE2
OH Tyr505(B)*
Trp342(B)
Ser528(B)
W 117(B)
OD2 Asp490(B)
O1A 1gc702(B)*
Na6(B)
His530(B)
N Gly343(B)
Ala344(B)
Lys472(B) NZ
Gly464(B)*
Glu470(B)
N Gly345(B)
Thr346(B)
N Lys347(B)
OG1, N Thr348(B)
Val462(B)
Gly464(B)*
49(E) W
Chain F
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