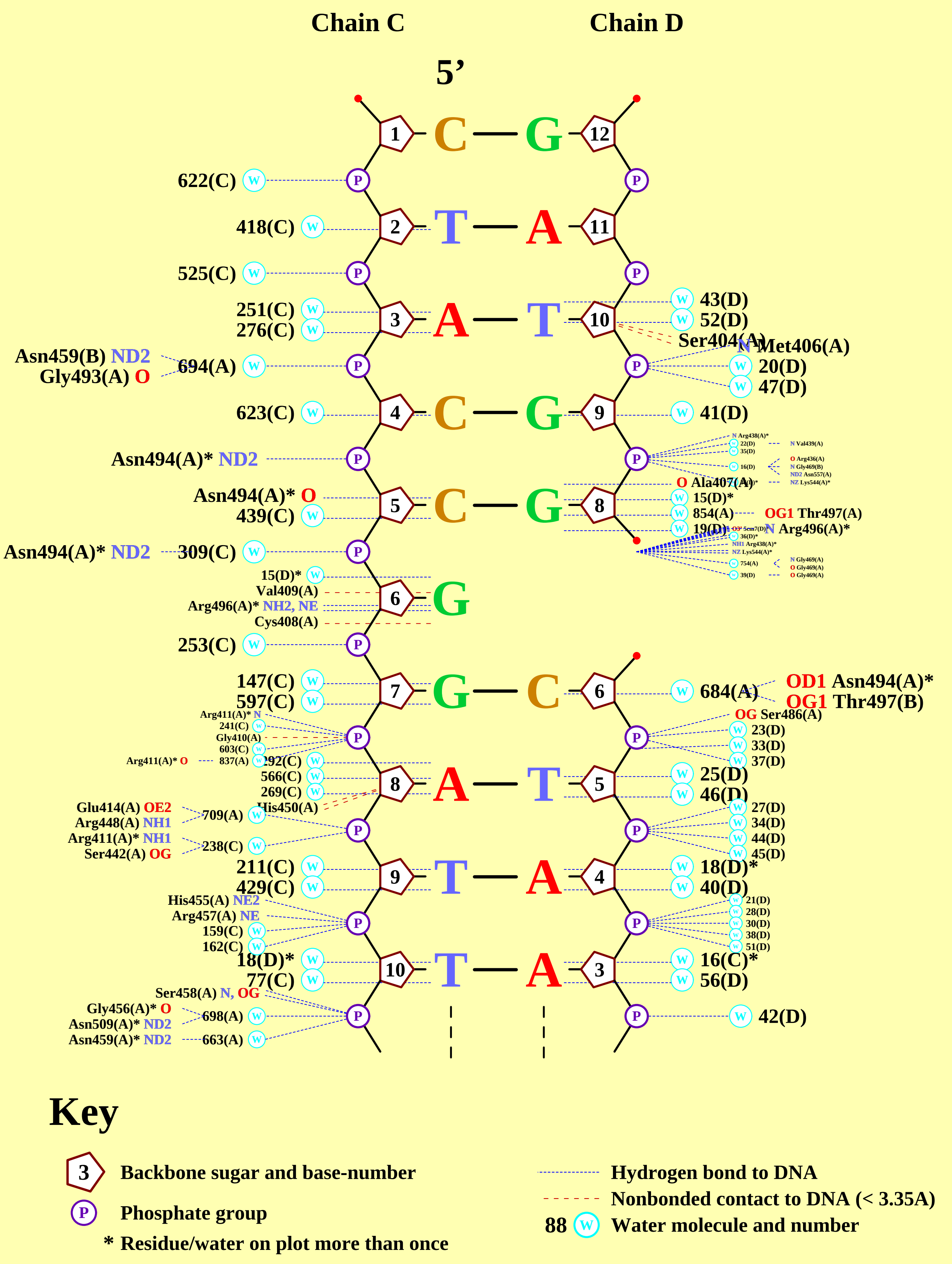
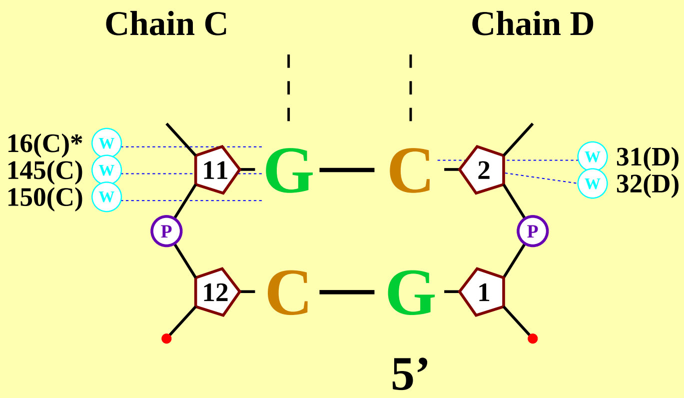

Chain C
Chain D
5’
C
G
T
A
A
T
C
G
C
G
G
G
C
A
T
T
A
T
A
1
2
3
4
5
6
7
8
9
10
12
11
10
9
8
6
5
4
3
P
W
622(C)
418(C)
525(C)
251(C)
276(C)
Asn459(B) ND2
Gly493(A) O
694(A)
623(C)
Asn494(A)* ND2
Asn494(A)* O
439(C)
Asn494(A)* ND2
309(C)
15(D)*
Val409(A)
Arg496(A)* NH2, NE
Cys408(A)
253(C)
147(C)
597(C)
Arg411(A)* N
241(C)
Gly410(A)
603(C)
Arg411(A)* O
837(A)
292(C)
566(C)
269(C)
His450(A)
Glu414(A) OE2
Arg448(A) NH1
Arg411(A)* NH1
Ser442(A) OG
709(A)
238(C)
211(C)
429(C)
His455(A) NE2
Arg457(A) NE
159(C)
162(C)
18(D)*
77(C)
Ser458(A) N, OG
Gly456(A)* O
Asn509(A)* ND2
Asn459(A)* ND2
698(A)
663(A)
43(D)
52(D)
Ser404(A)
N Met406(A)
20(D)
47(D)
41(D)
O Ala407(A)*
15(D)*
854(A)
OG1 Thr497(A)
19(D)
N Arg496(A)*
684(A)
OD1 Asn494(A)*
OG1 Thr497(B)
OG Ser486(A)
23(D)
33(D)
37(D)
25(D)
46(D)
27(D)
34(D)
44(D)
45(D)
18(D)*
40(D)
21(D)
28(D)
30(D)
38(D)
51(D)
16(C)*
56(D)
42(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

3 **Backbone sugar and base-number**

Ⓟ **Phosphate group**

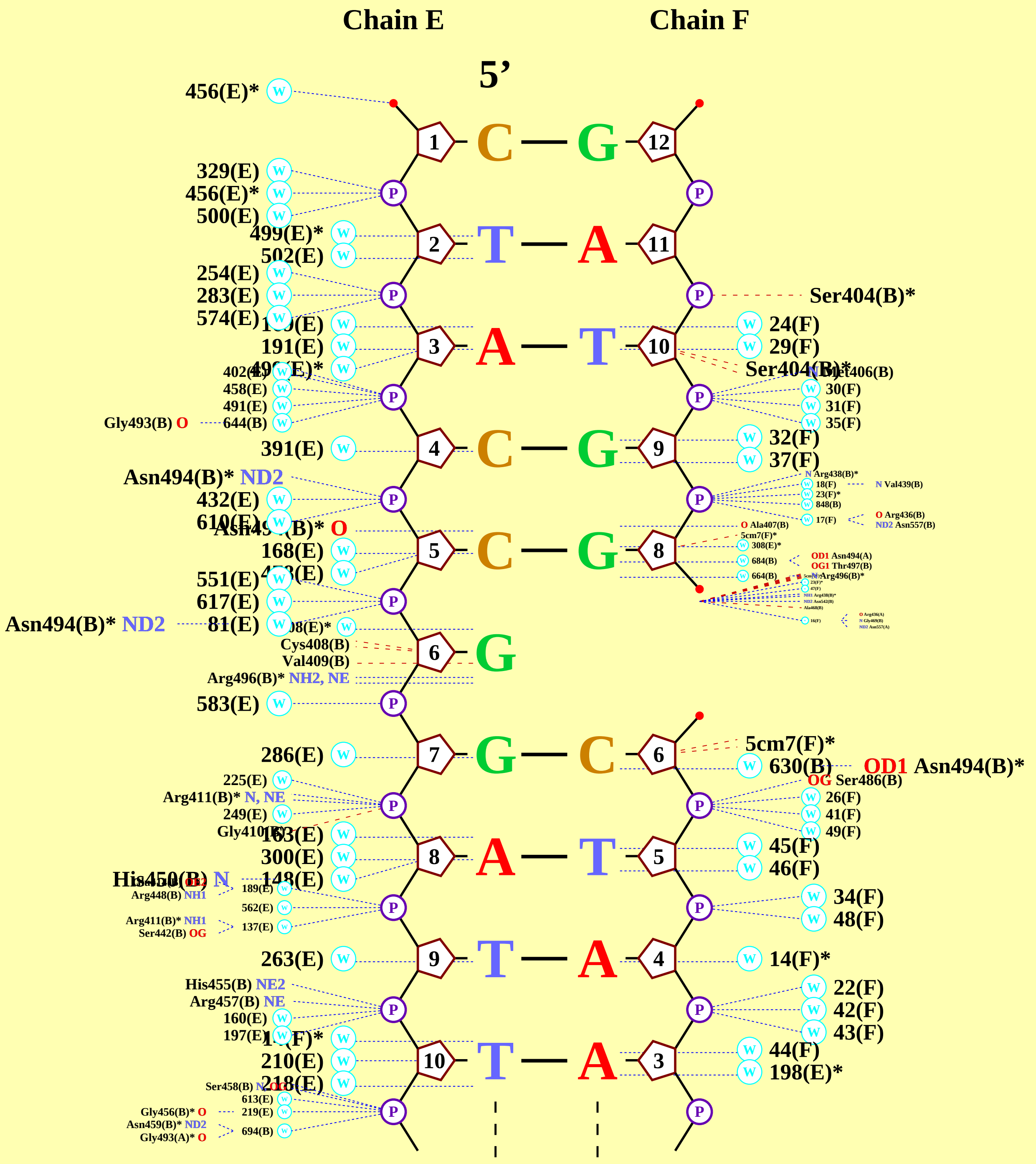
* **Residue/water on plot more than once**

········ **Hydrogen bond to DNA**

- - - - - - **Nonbonded contact to DNA (< 3.35A)**

88 Ⓦ **Water molecule and number**

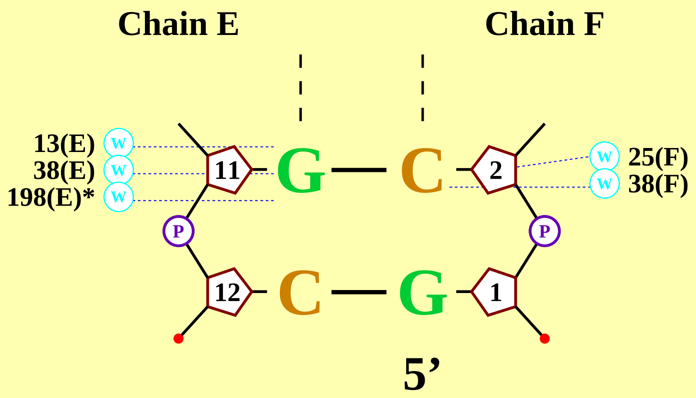
file



Key

3 Backbone sugar and base-number	····· 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



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