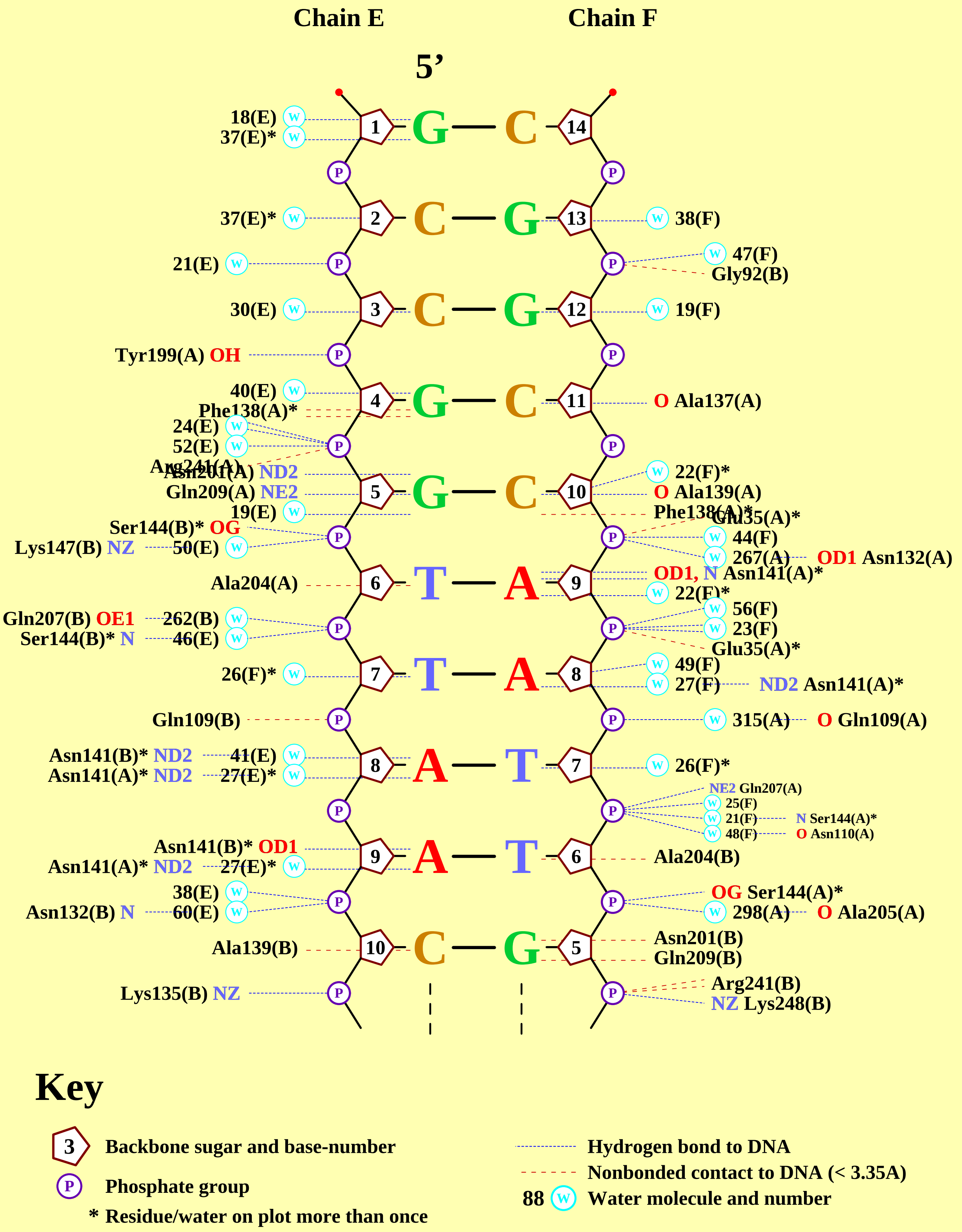
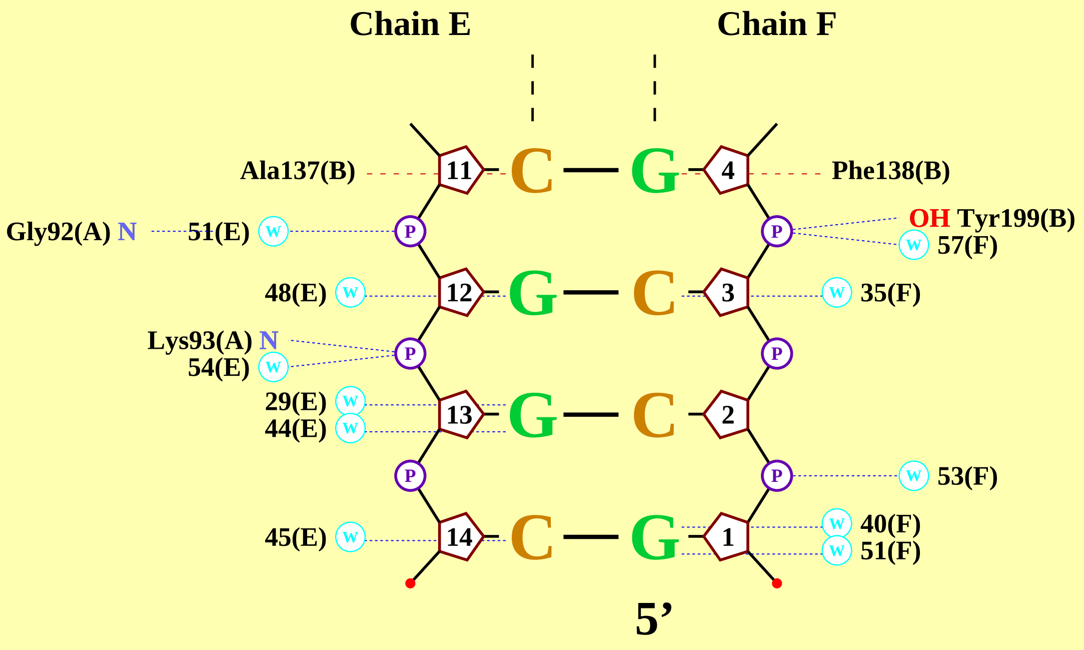

Chain E
Chain F
5’
18(E)
37(E)*
1 G — C 14
37(E)*
2 C — G 13
38(F)
21(E)
47(F)
Gly92(B)
30(E)
3 C — G 12
19(F)
Tyr199(A) OH
40(E)
Phe138(A)*
4 G — C 11
O Ala137(A)
24(E)
52(E)
Arg241(A)
Asn201(A) ND2
Gln209(A) NE2
5 G — C 10
22(F)*
O Ala139(A)
Phe138(A)*
19(E)
Glu35(A)*
Ser144(B)* OG
Lys147(B) NZ
50(E)
44(F)
267(A)
OD1 Asn132(A)
Ala204(A)
6 T — A 9
OD1, N Asn141(A)*
22(F)*
Gln207(B) OE1
262(B)
Ser144(B)* N
46(E)
56(F)
23(F)
Glu35(A)*
26(F)*
7 T — A 8
49(F)
27(F)
ND2 Asn141(A)*
Gln109(B)
315(A)
O Gln109(A)
Asn141(B)* ND2
41(E)
Asn141(A)* ND2
27(E)*
8 A — T 7
26(F)*
NE2 Gln207(A)
25(F)
21(F)
N Ser144(A)*
48(F)
O Asn110(A)
Asn141(B)* OD1
Asn141(A)* ND2
27(E)*
9 A — T 6
Ala204(B)
38(E)
Asn132(B) N
60(E)
OG Ser144(A)*
298(A)
O Ala205(A)
Ala139(B)
10 C — G 5
Asn201(B)
Gln209(B)
Lys135(B) NZ
Arg241(B)
NZ Lys248(B)
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

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file