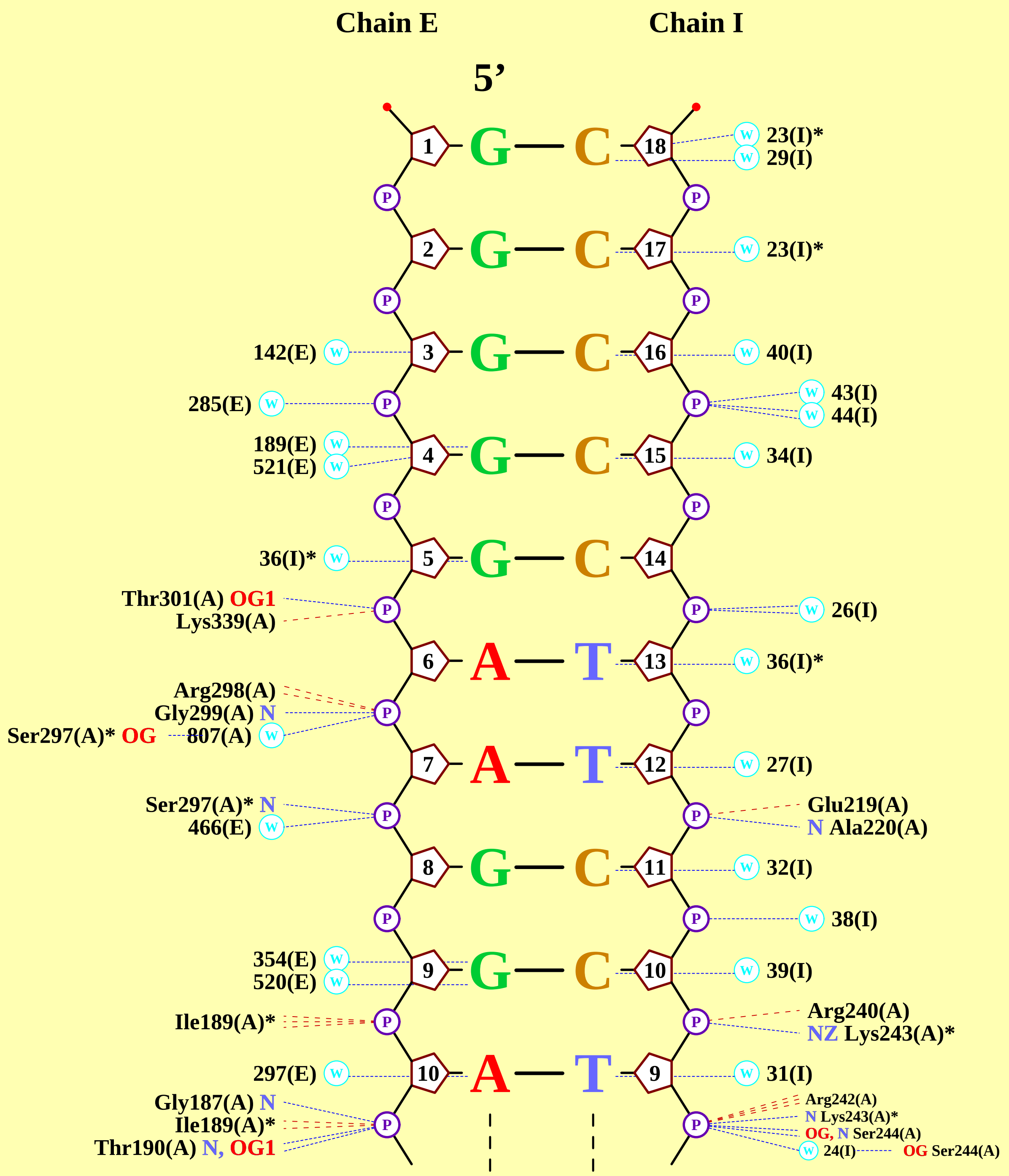
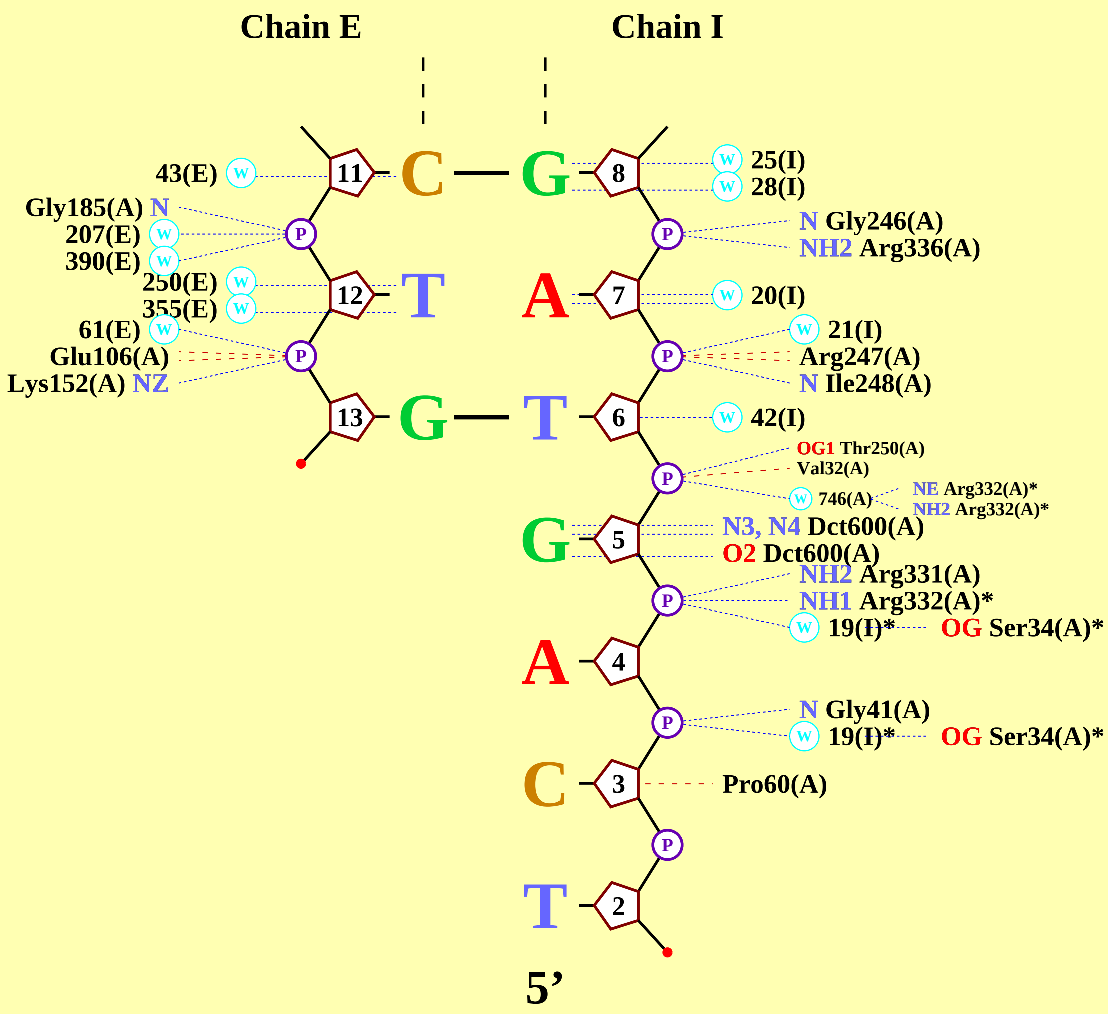


Key

- 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



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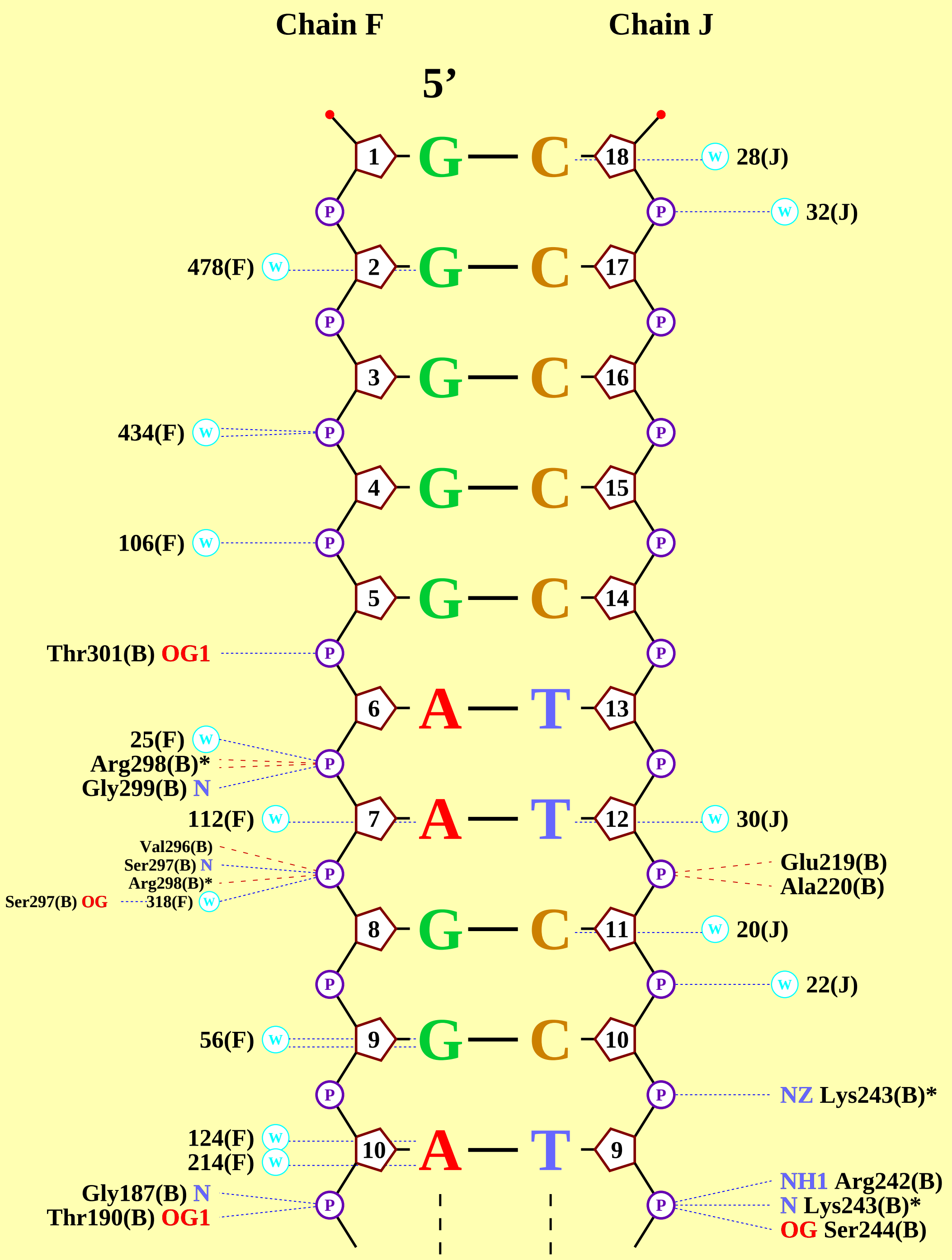

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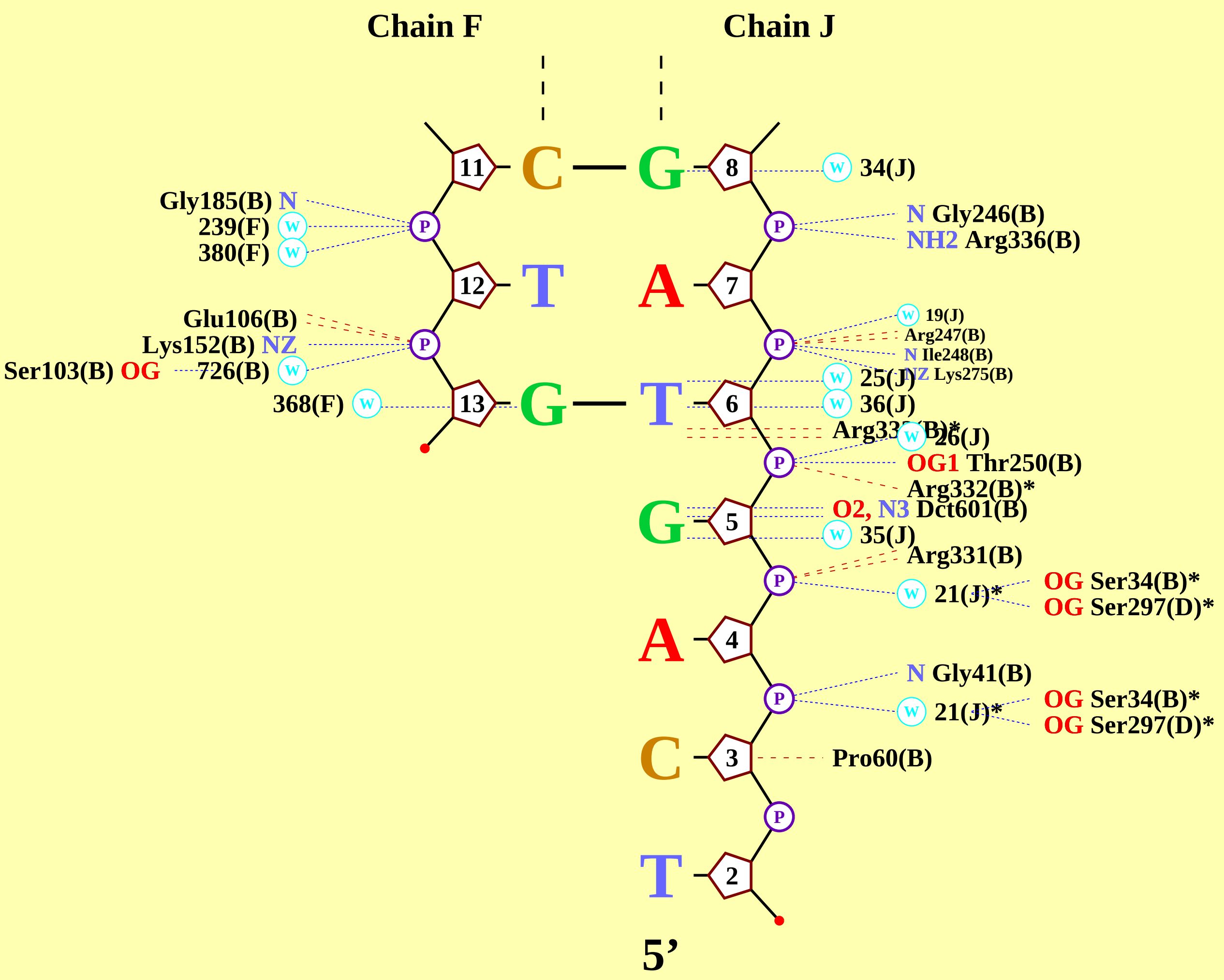
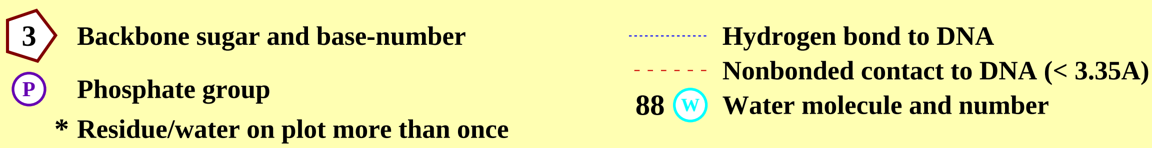

Chain F
Chain J
C
G
T
A
G
T
G
A
C
T
11
12
13
8
7
6
5
4
3
2
P
W
5'
Gly185(B) N
239(F)
380(F)
Glu106(B)
Lys152(B) NZ
Ser103(B) OG
726(B)
368(F)
34(J)
N Gly246(B)
NH2 Arg336(B)
19(J)
Arg247(B)
N Ile248(B)
NZ Lys275(B)
25(J)
36(J)
26(J)
OG1 Thr250(B)
Arg332(B)*
O2, N3 Dct601(B)
35(J)
Arg331(B)
21(J)*
OG Ser34(B)*
OG Ser297(D)*
N Gly41(B)
21(J)*
OG Ser34(B)*
OG Ser297(D)*
Pro60(B)

Key


3
Backbone sugar and base-number
P
Phosphate group
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W
Water molecule and number

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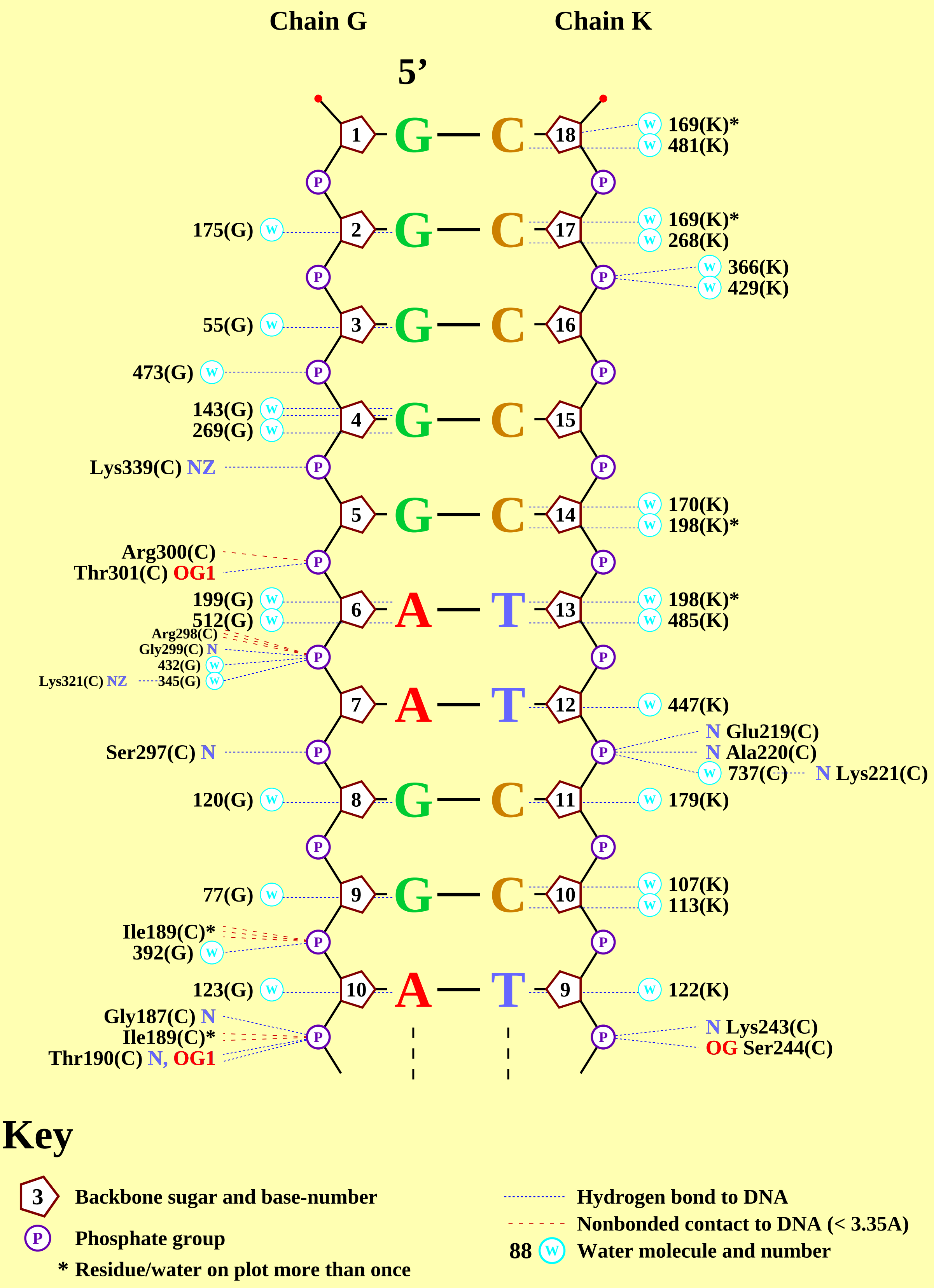

Chain G
Chain K
5’
G — C
A — T
175(G)
55(G)
473(G)
143(G)
269(G)
Lys339(C) NZ
Arg300(C)
Thr301(C) OG1
199(G)
512(G)
Arg298(C)
Gly299(C) N
432(G)
Lys321(C) NZ
345(G)
Ser297(C) N
120(G)
77(G)
Ile189(C)*
392(G)
123(G)
Gly187(C) N
Ile189(C)*
Thr190(C) N, OG1
169(K)*
481(K)
169(K)*
268(K)
366(K)
429(K)
170(K)
198(K)*
198(K)*
485(K)
447(K)
N Glu219(C)
N Ala220(C)
737(C)
N Lys221(C)
179(K)
107(K)
113(K)
122(K)
N Lys243(C)
OG Ser244(C)
Key
Backbone sugar and base-number
Phosphate group
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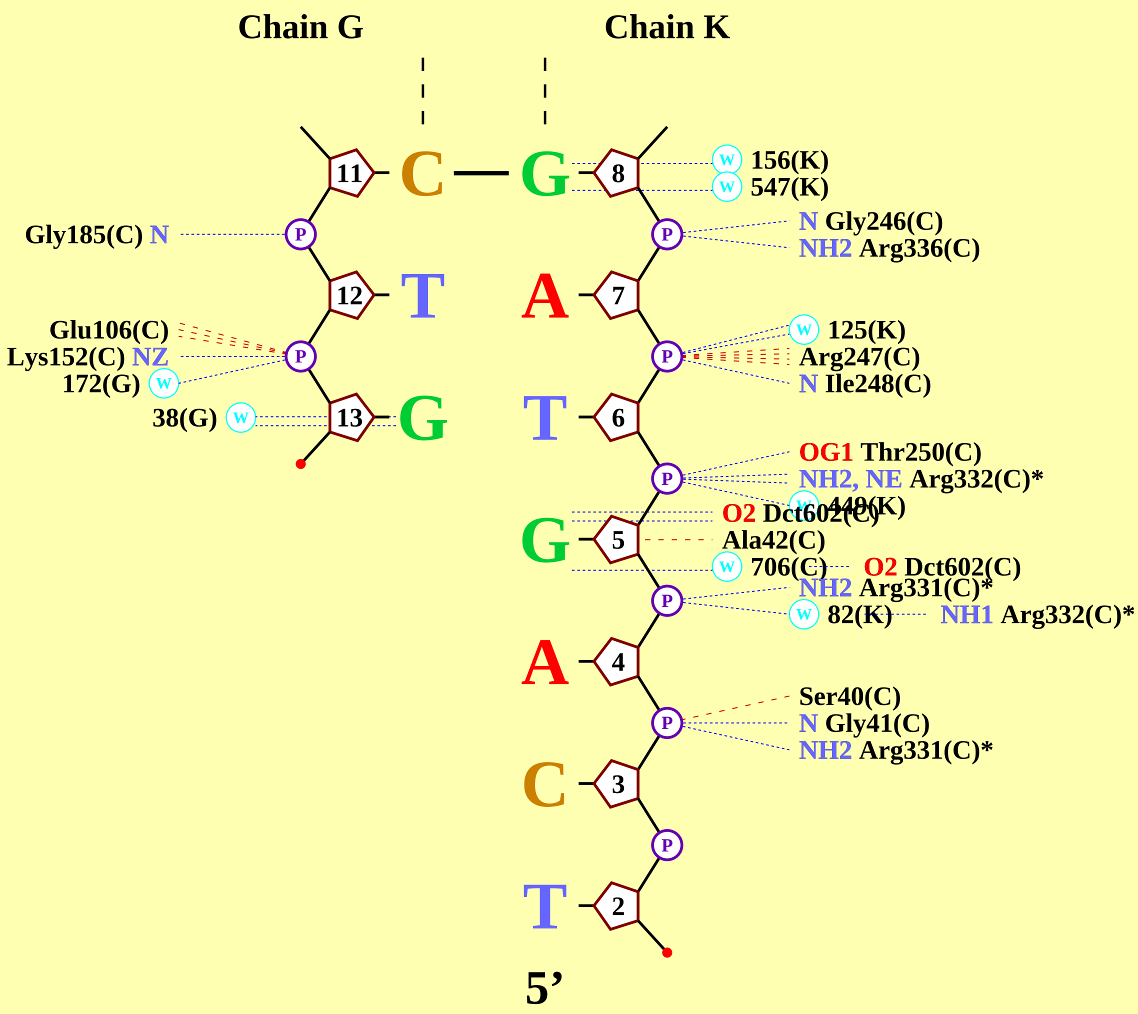

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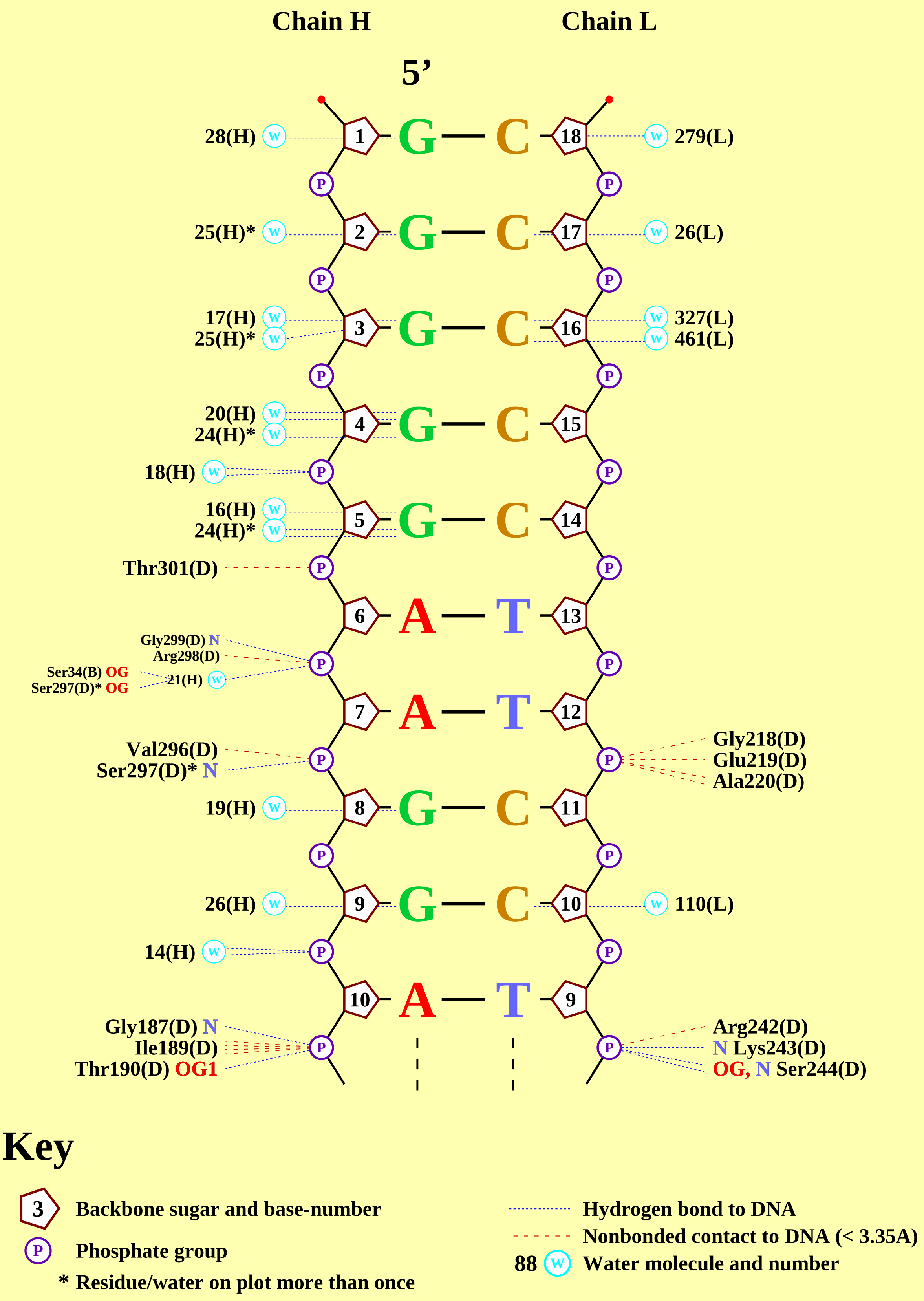
Chain H
Chain L
5’
28(H)
279(L)
25(H)*
26(L)
17(H)
25(H)*
327(L)
461(L)
20(H)
24(H)*
18(H)
16(H)
24(H)*
Thr301(D)
Gly299(D) N
Arg298(D)
Ser34(B) OG
Ser297(D)* OG
21(H)
Val296(D)
Ser297(D)* N
Gly218(D)
Glu219(D)
Ala220(D)
19(H)
26(H)
110(L)
14(H)
Gly187(D) N
Ile189(D)
Thr190(D) OG1
Arg242(D)
N Lys243(D)
OG, N Ser244(D)
Key
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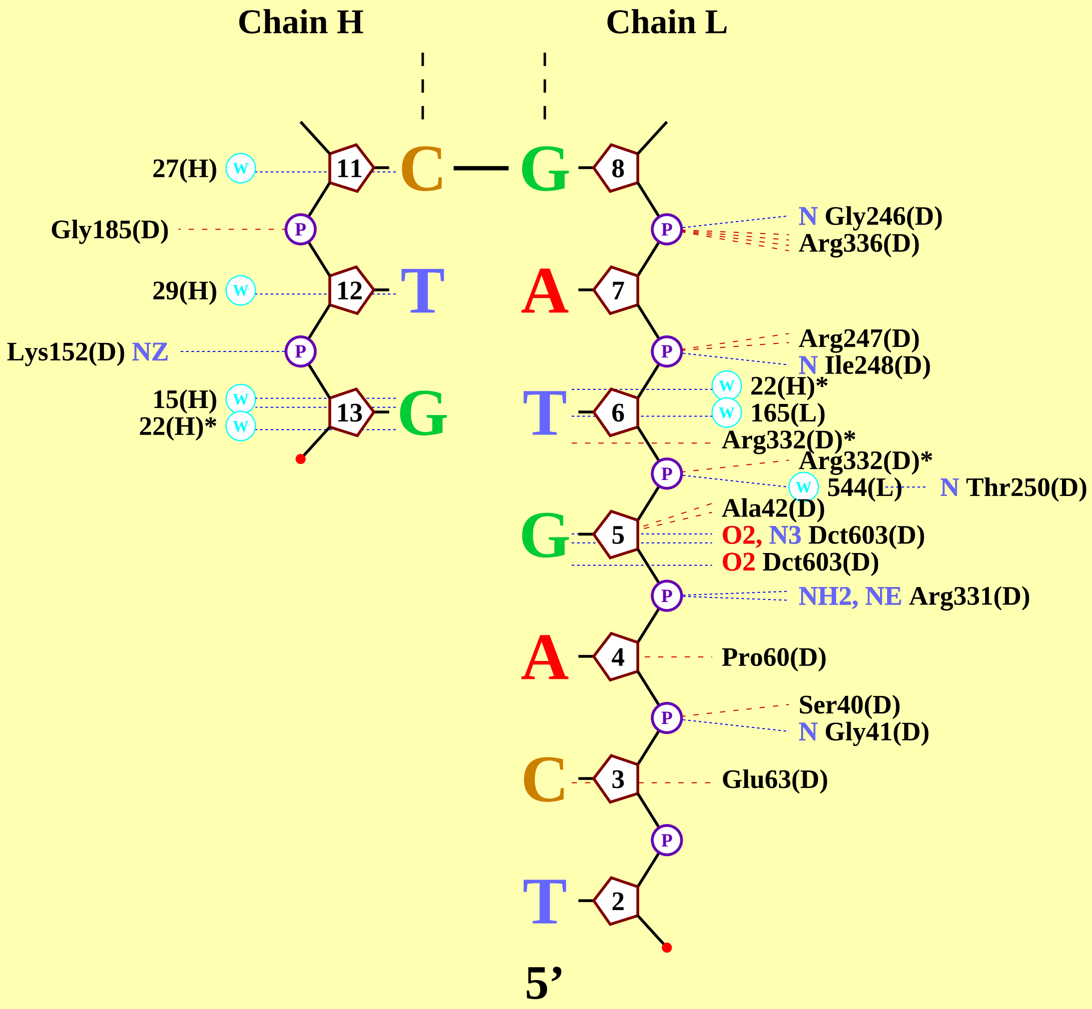

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