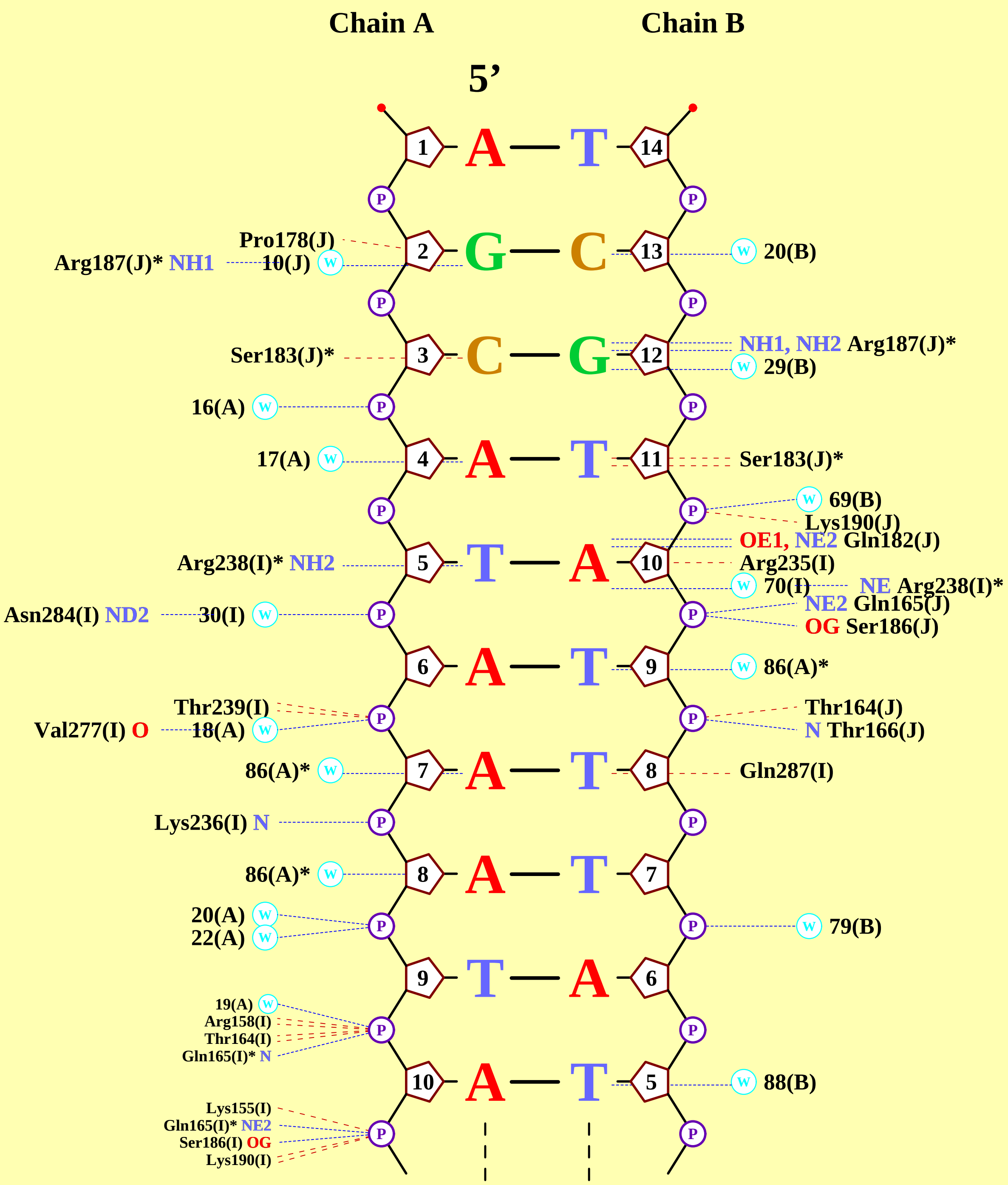
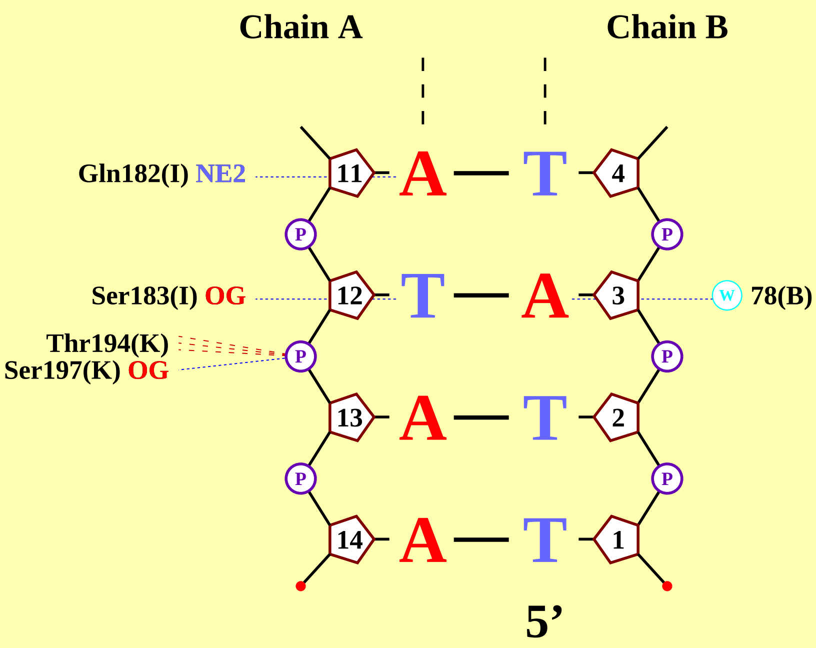


Key

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

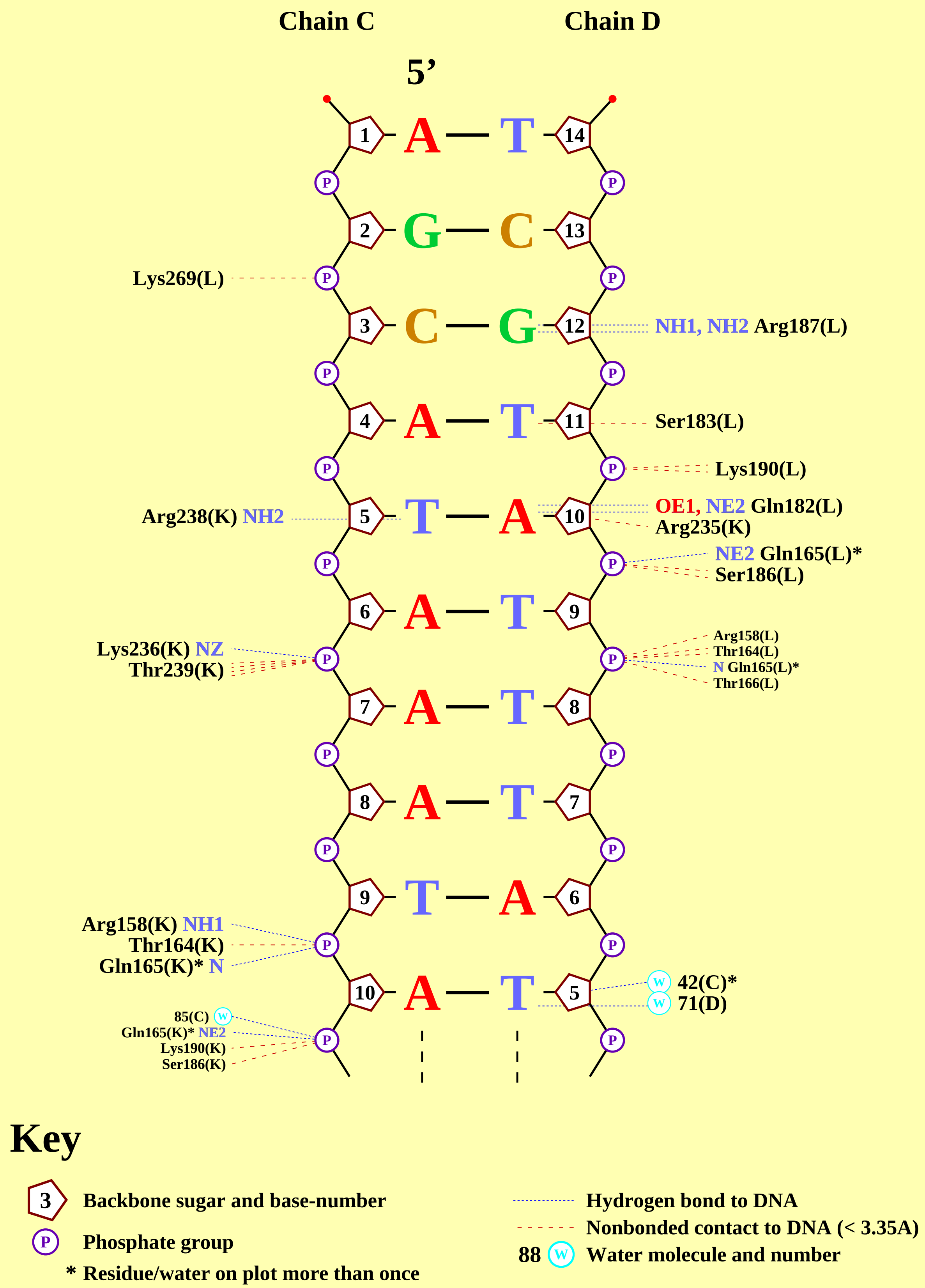
file



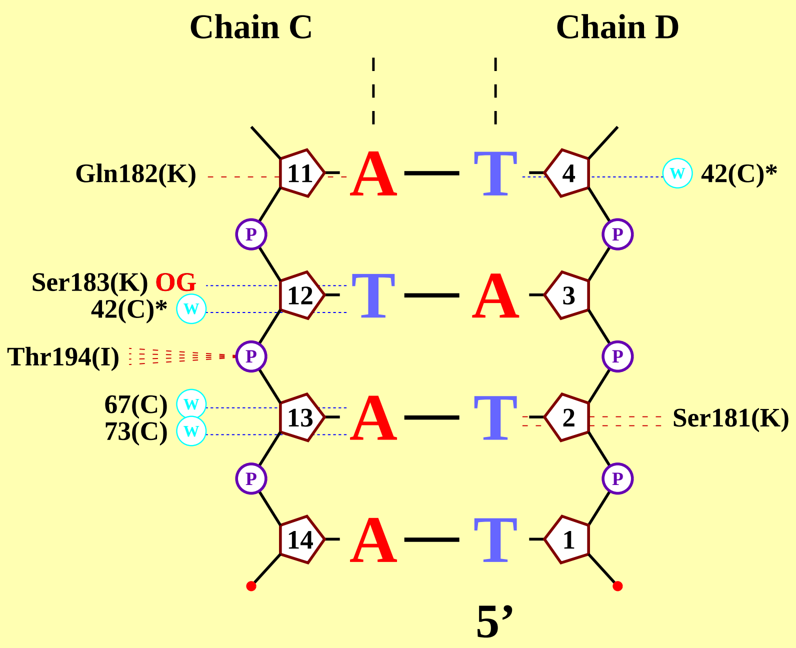
Key

3	Backbone sugar and base-number		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

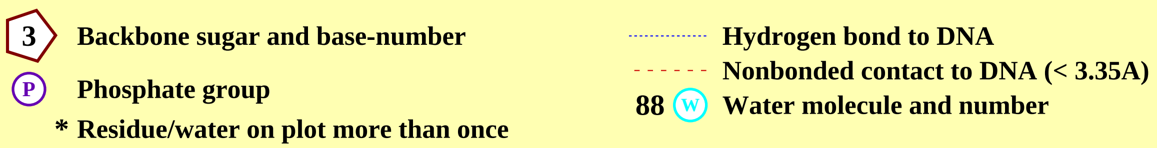
file


Chain C
Chain D
5’
1 A — T 14
2 G — C 13
3 C — G 12
4 A — T 11
5 T — A 10
6 A — T 9
7 A — T 8
8 A — T 7
9 T — A 6
10 A — T 5
Lys269(L)
NH1, NH2 Arg187(L)
Ser183(L)
Lys190(L)
Arg238(K) NH2
OE1, NE2 Gln182(L)
Arg235(K)
NE2 Gln165(L)*
Ser186(L)
Lys236(K) NZ
Thr239(K)
Arg158(L)
Thr164(L)
N Gln165(L)*
Thr166(L)
Arg158(K) NH1
Thr164(K)
Gln165(K)* N
42(C)*
71(D)
85(C)
Gln165(K)* NE2
Lys190(K)
Ser186(K)
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

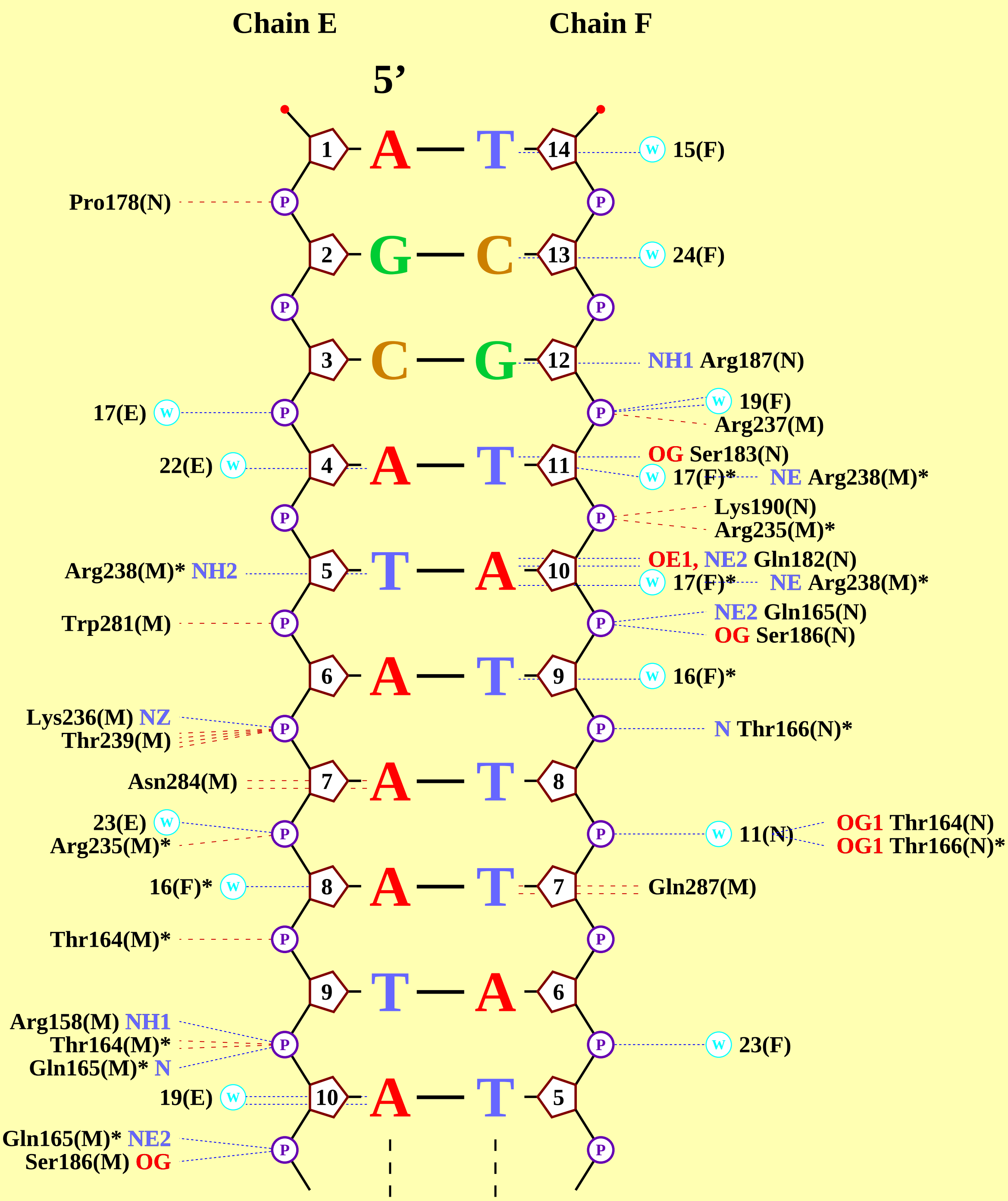
file


Chain C
Chain D
Gln182(K)
11
A
T
4
42(C)*
Ser183(K) OG
42(C)*
12
T
A
3
Thr194(I)
67(C)
73(C)
13
A
T
2
Ser181(K)
14
A
T
1
5'

Key

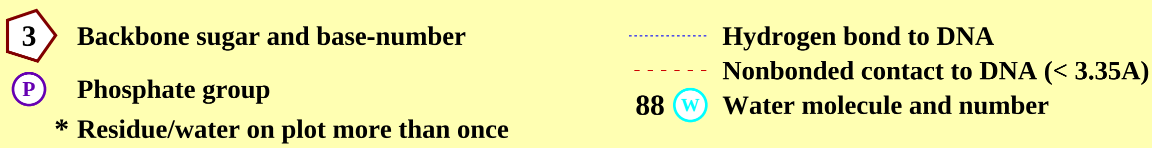

3 Backbone sugar and base-number
P Phosphate group
* Residue/water on plot more than once
Hydrogen bond to DNA
Nonbonded contact to DNA (< 3.35A)
88 W Water molecule and number

file



Chain E
Chain F
5’
A — T
G — C
C — G
A — T
T — A
A — T
A — T
A — T
T — A
A — T
15(F)
Pro178(N)
24(F)
NH1 Arg187(N)
17(E)
19(F)
Arg237(M)
22(E)
OG Ser183(N)
17(F)* NE Arg238(M)*
Lys190(N)
Arg235(M)*
Arg238(M)* NH2
OE1, NE2 Gln182(N)
17(F)* NE Arg238(M)*
Trp281(M)
NE2 Gln165(N)
OG Ser186(N)
16(F)*
Lys236(M) NZ
Thr239(M)
N Thr166(N)*
Asn284(M)
23(E)
Arg235(M)*
11(N)
OG1 Thr164(N)
OG1 Thr166(N)*
16(F)*
Gln287(M)
Thr164(M)*
Arg158(M) NH1
Thr164(M)*
Gln165(M)* N
23(F)
19(E)
Gln165(M)* NE2
Ser186(M) OG

Key



3 Backbone sugar and base-number
P Phosphate group
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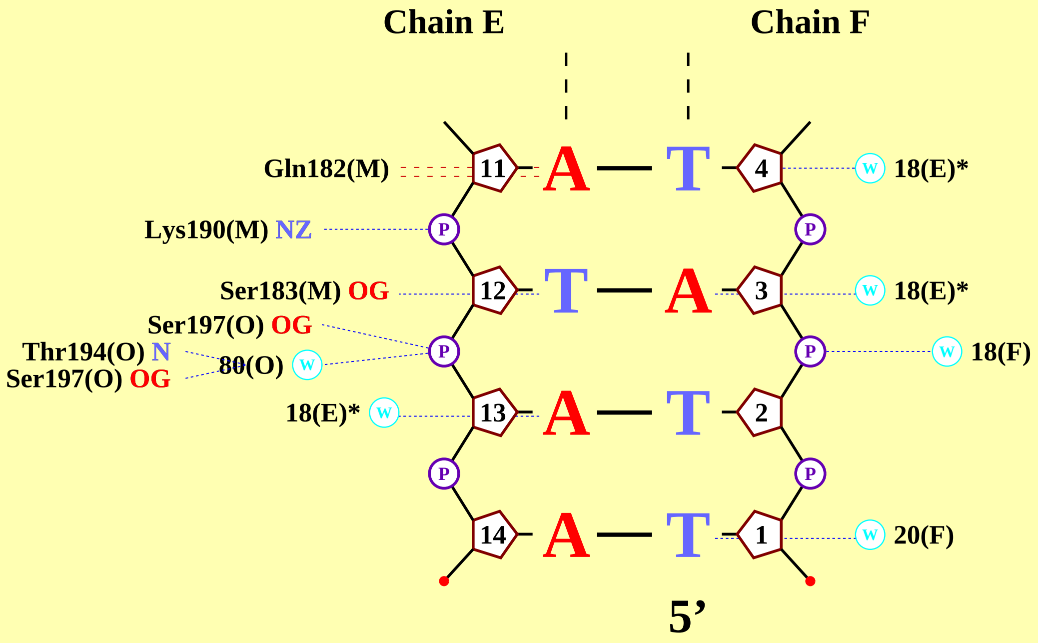
Hydrogen bond to DNA
Nonbonded contact to DNA (< 3.35A)
88 W Water molecule and number

file



Key

3 Backbone sugar and base-number

P Phosphate group

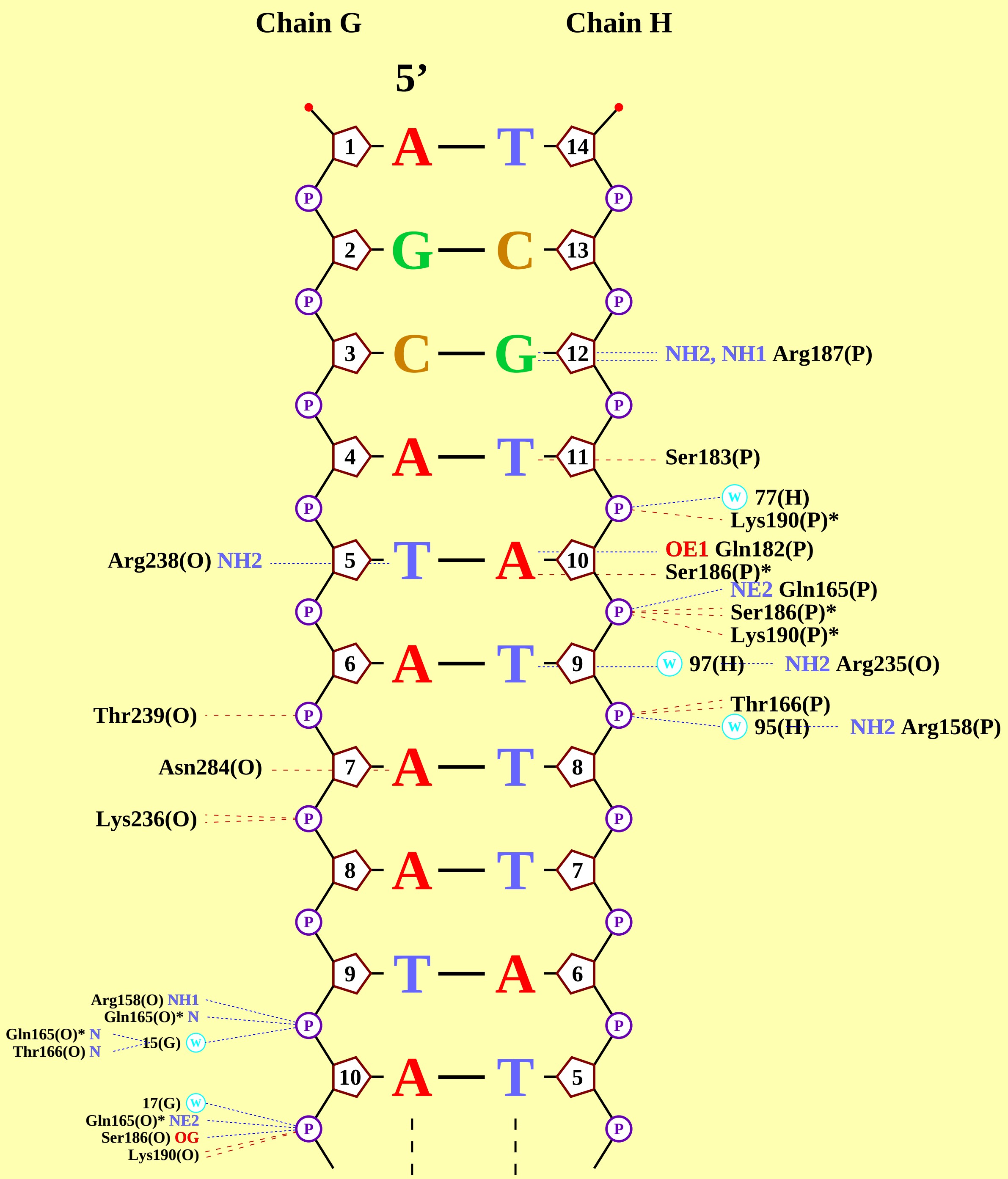
* Residue/water on plot more than once

Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

file



Key

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Hydrogen bond to DNA

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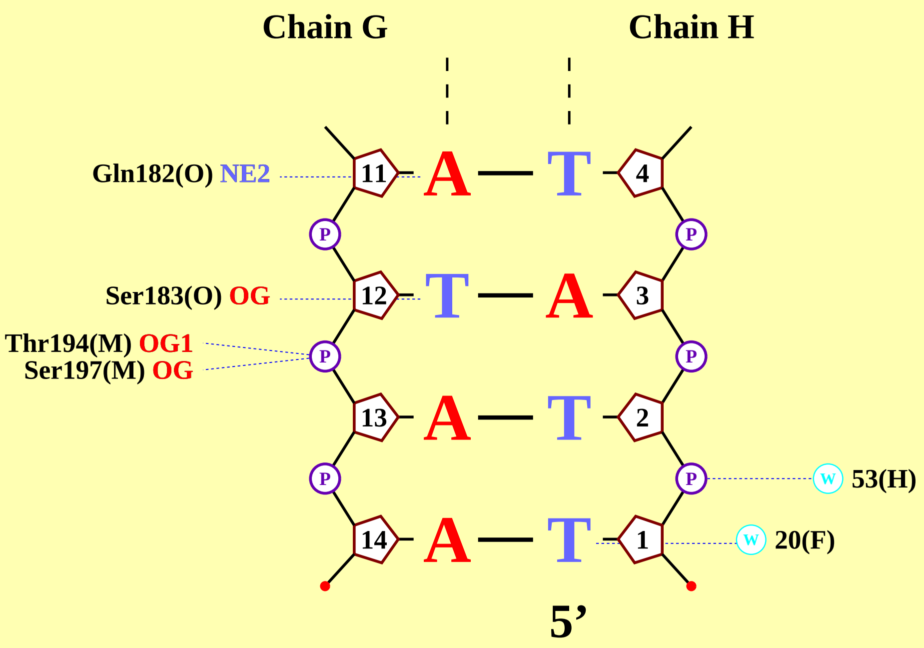
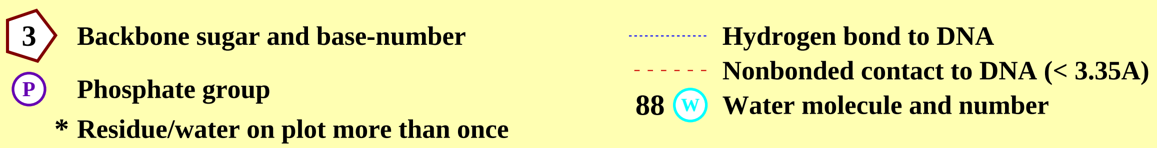
file


Chain G
Chain H
Gln182(O) NE2
11
A
T
4
P
P
Ser183(O) OG
12
T
A
3
Thr194(M) OG1
Ser197(M) OG
P
P
13
A
T
2
P
P
W
53(H)
14
A
T
1
W
20(F)
5’

Key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