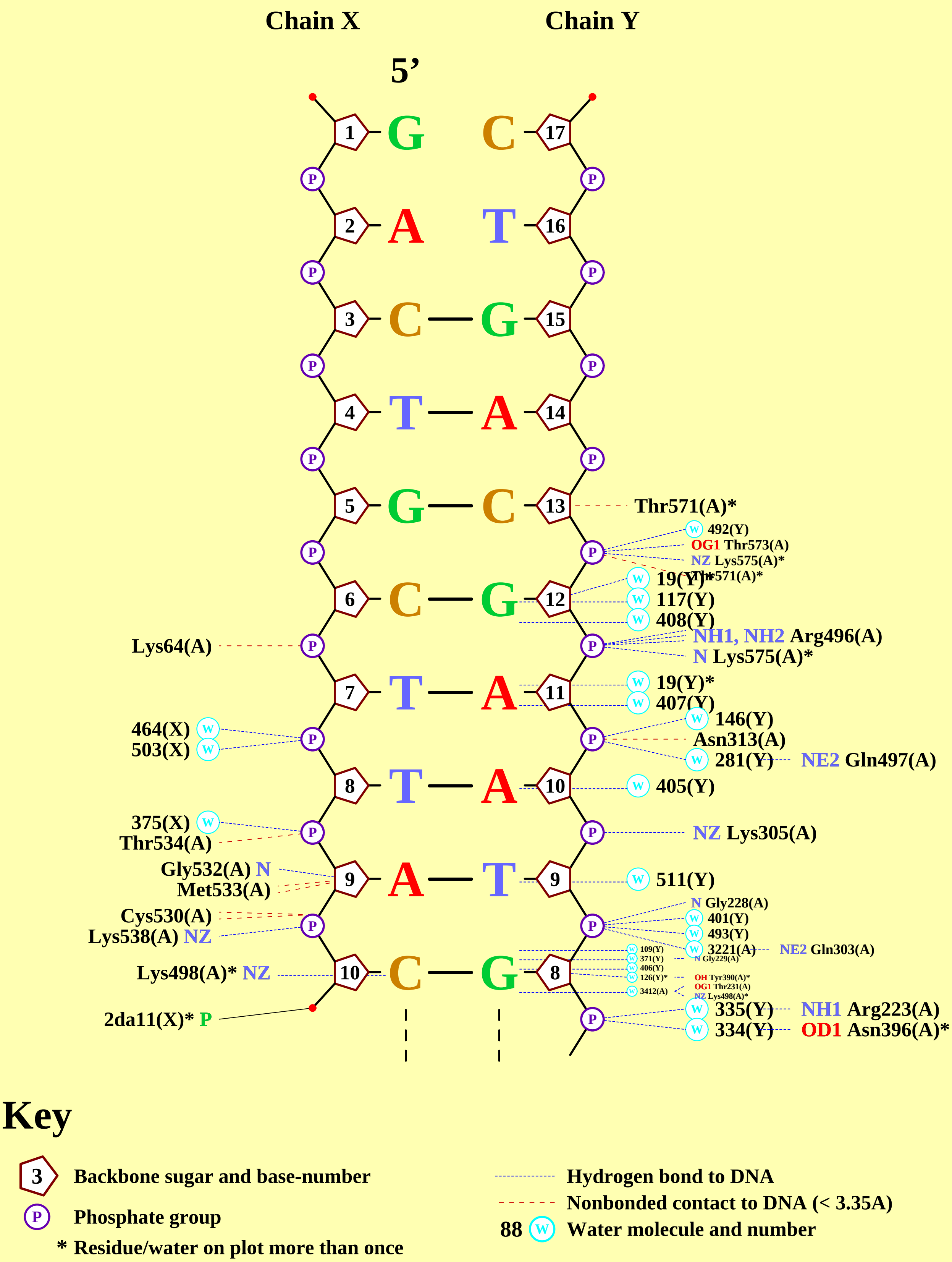
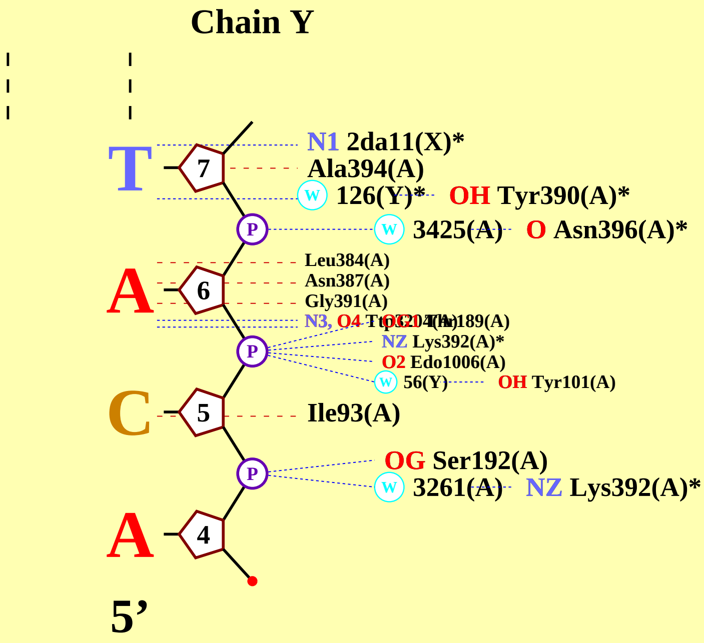


Chain X
Chain Y
5’
1 G
C 17
2 A
T 16
3 C
G 15
4 T
A 14
5 G
C 13
Thr571(A)*
492(Y)
OG1 Thr573(A)
NZ Lys575(A)*
Thr571(A)*
6 C
G 12
19(Y)*
117(Y)
408(Y)
Lys64(A)
NH1, NH2 Arg496(A)
N Lys575(A)*
7 T
A 11
19(Y)*
407(Y)
464(X)
503(X)
146(Y)
Asn313(A)
281(Y)
NE2 Gln497(A)
8 T
A 10
405(Y)
375(X)
Thr534(A)
NZ Lys305(A)
Gly532(A) N
Met533(A)
9 A
T 9
511(Y)
Cys530(A)
Lys538(A) NZ
N Gly228(A)
401(Y)
493(Y)
3221(A)
NE2 Gln303(A)
Lys498(A)* NZ
10 C
G 8
109(Y)
371(Y)
406(Y)
126(Y)*
3412(A)
N Gly229(A)
OH Tyr390(A)*
OG1 Thr231(A)
NZ Lys498(A)*
2da11(X)* P
335(Y)
NH1 Arg223(A)
334(Y)
OD1 Asn396(A)*
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