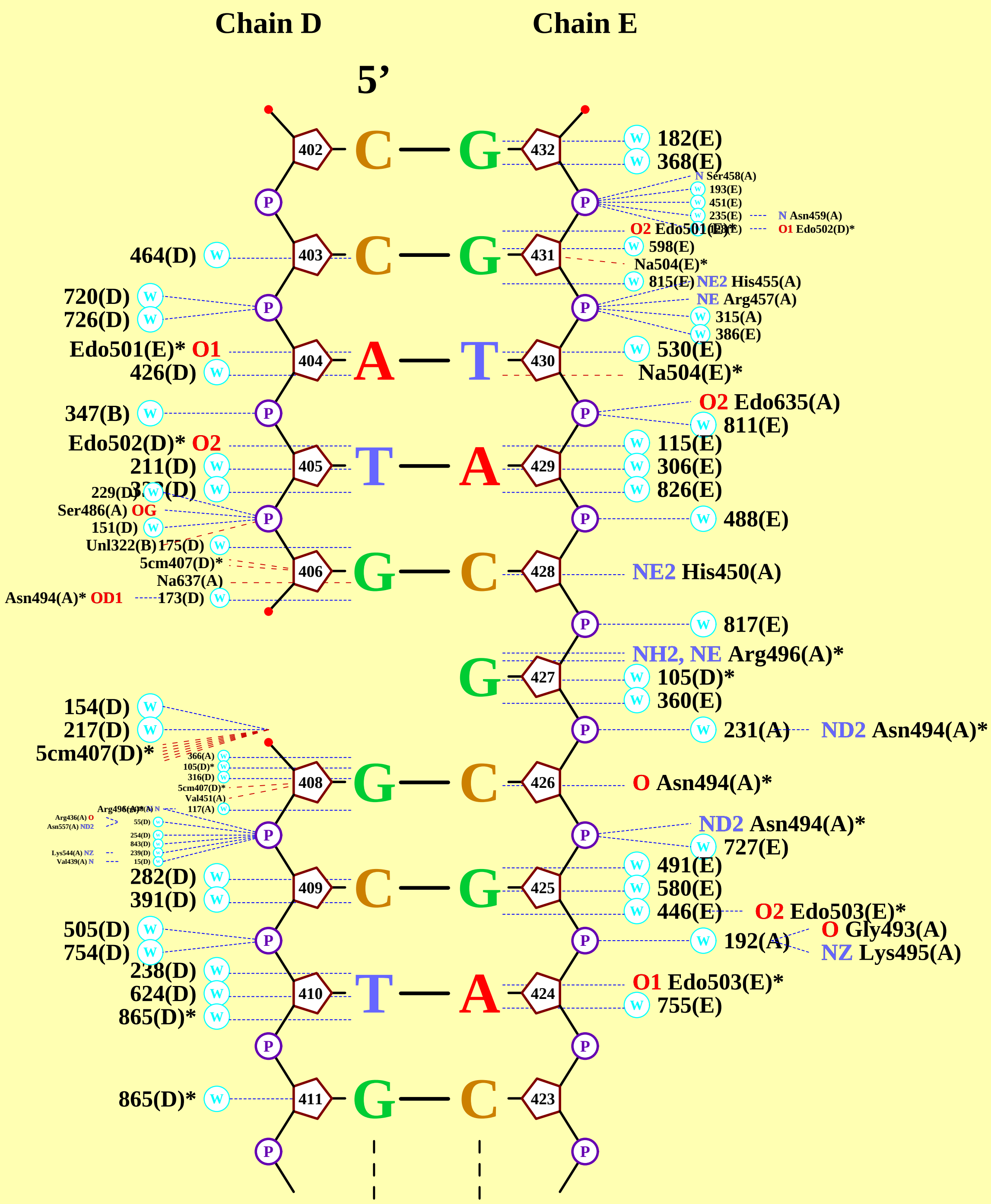


Key

Backbone sugar and base-number

Phosphate group

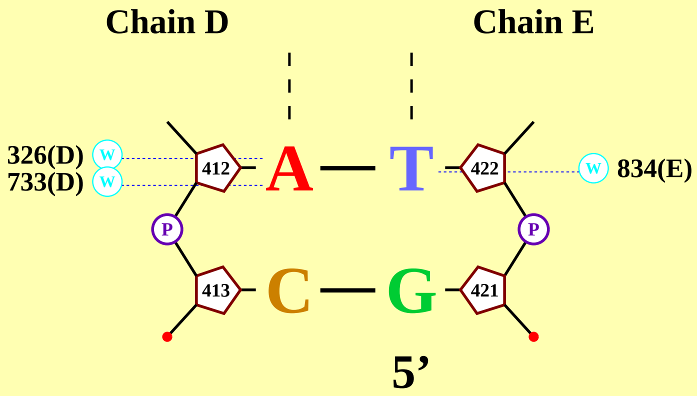
* Residue/water on plot more than once

Hydrogen bond to DNA

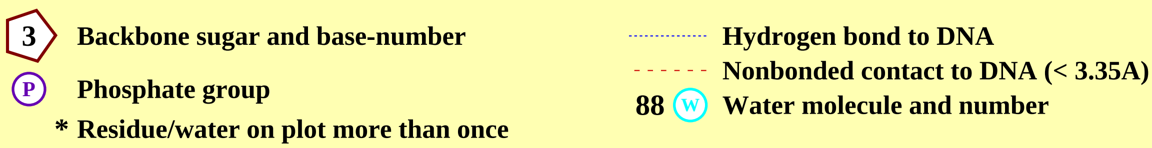
Nonbonded contact to DNA (< 3.35A)

88 Water molecule and number

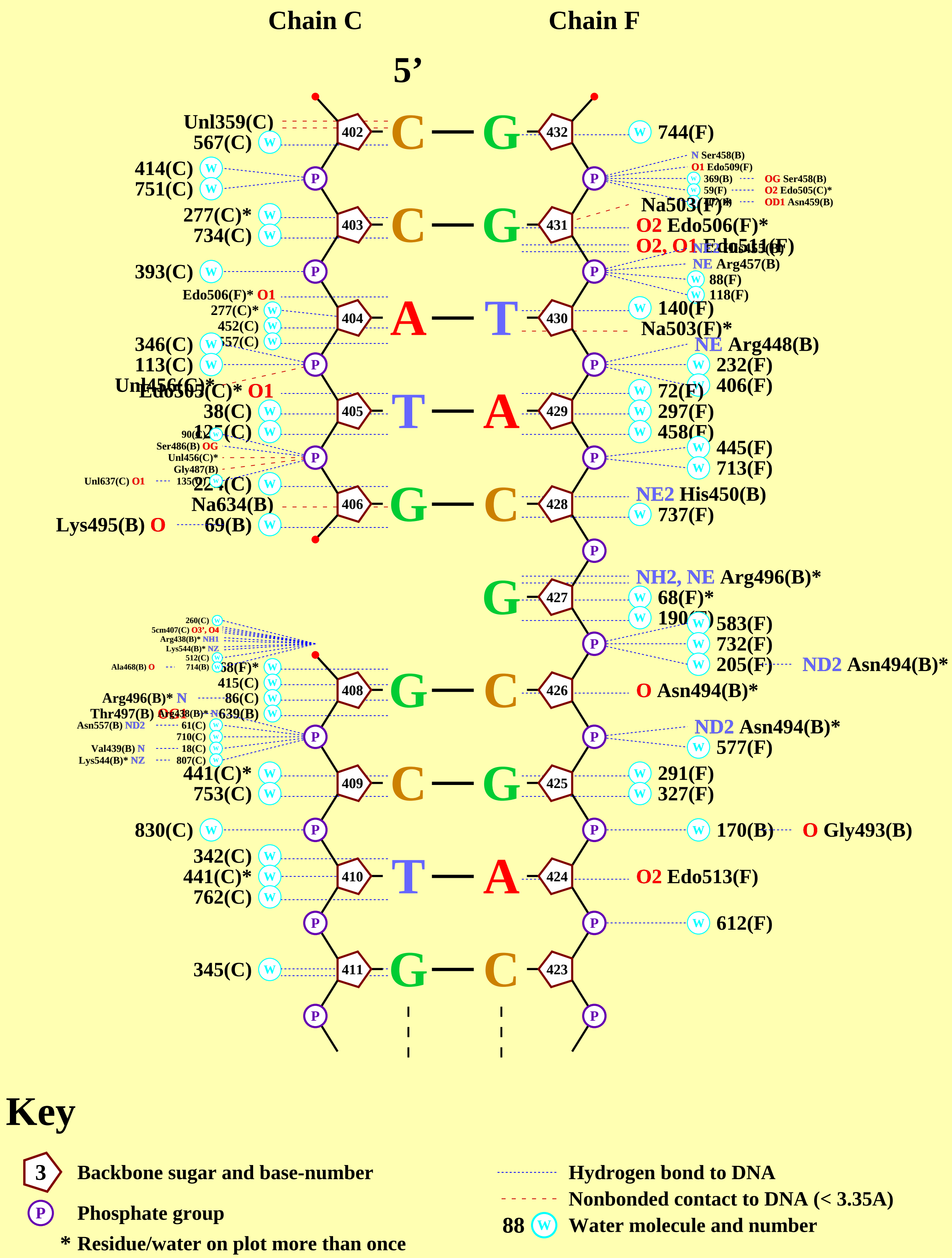
file


Chain D
Chain E
326(D)
733(D)
W
W
412
A
T
422
W
834(E)
P
P
413
C
G
421
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 C
Chain F
5’
Unl359(C)
567(C)
414(C)
751(C)
277(C)*
734(C)
393(C)
Edo506(F)* O1
346(C)
113(C)
38(C)
Ser486(B) OG
Unl456(C)*
Gly487(B)
Unl637(C) O1
Na634(B)
Lys495(B) O
69(B)
744(F)
N Ser458(B)
O1 Edo509(F)
OG Ser458(B)
O2 Edo505(C)*
OD1 Asn459(B)
Na503(F)*
O2 Edo506(F)*
NE Arg457(B)
88(F)
118(F)
140(F)
NE Arg448(B)
232(F)
406(F)
297(F)
445(F)
713(F)
NE2 His450(B)
737(F)
NH2, NE Arg496(B)*
68(F)*
583(F)
732(F)
205(F)
ND2 Asn494(B)*
O Asn494(B)*
577(F)
291(F)
327(F)
170(B)
O Gly493(B)
O2 Edo513(F)
612(F)
415(C)
Arg496(B)* N
86(C)
Asn557(B) ND2
Val439(B) N
Lys544(B)* NZ
441(C)*
753(C)
830(C)
342(C)
762(C)
345(C)
Key
Backbone sugar and base-number
Phosphate group
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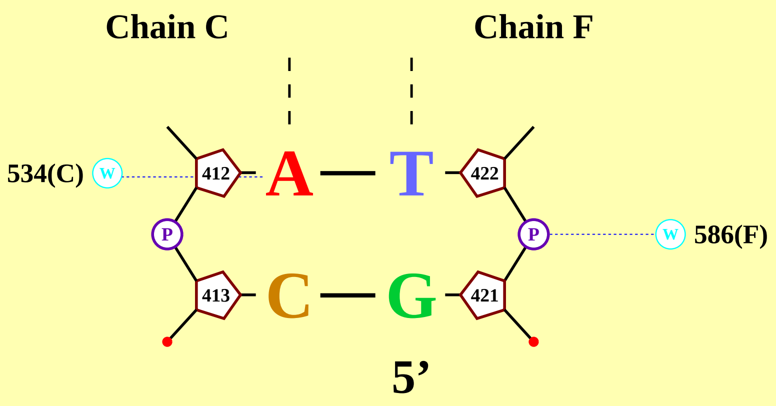
file



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