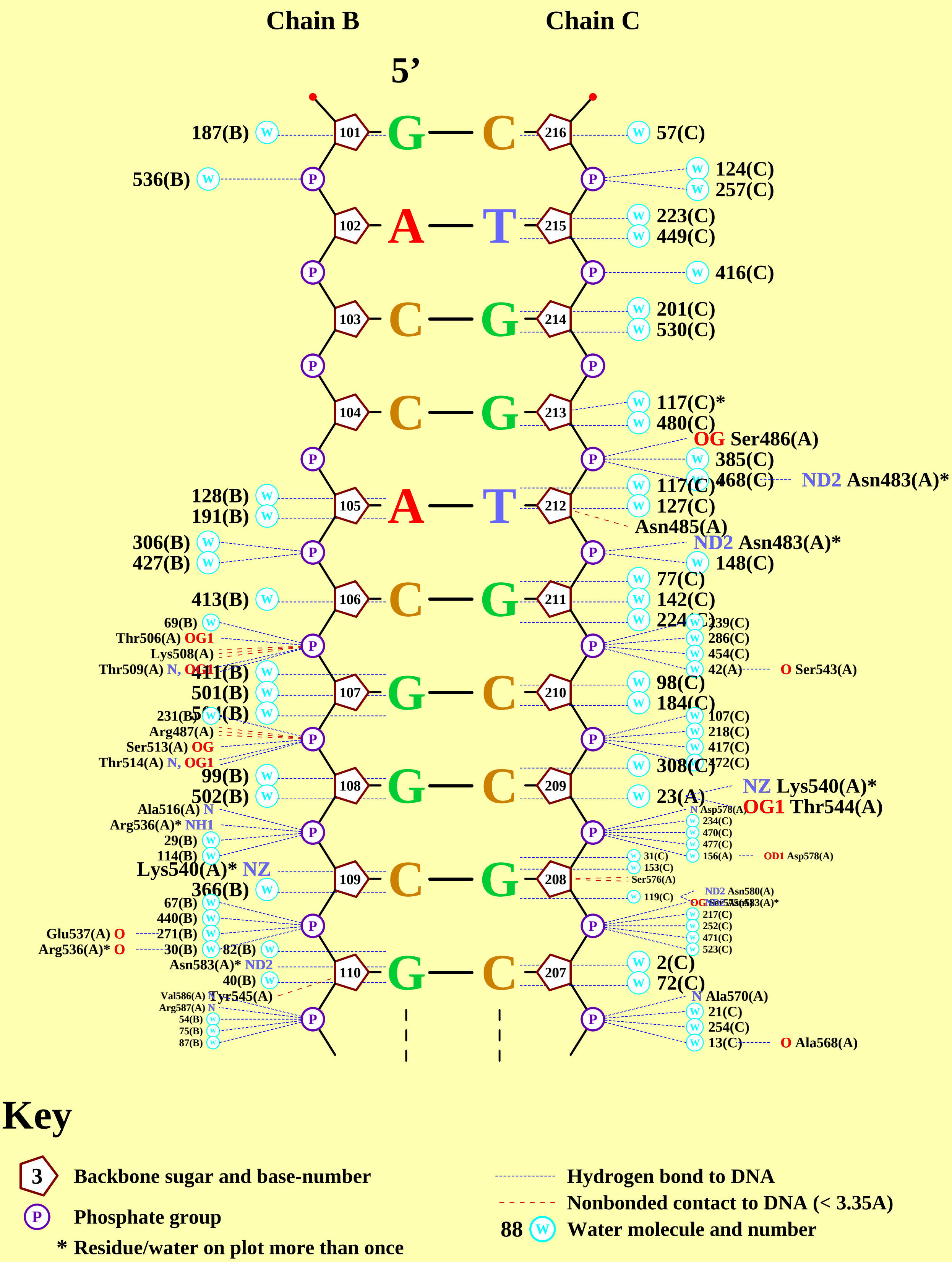
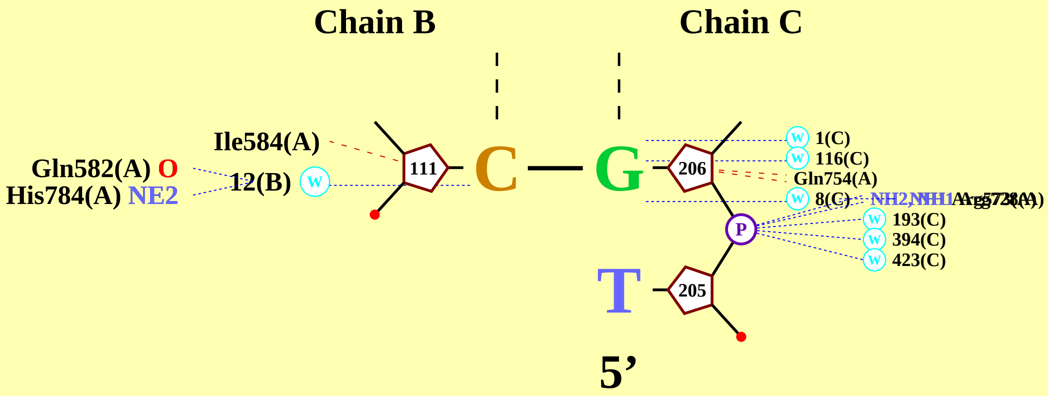

Chain B
Chain C
5’
G C A T C G C G A T C G G C G C C G G C
101 102 103 104 105 106 107 108 109 110
216 215 214 213 212 211 210 209 208 207
187(B)
536(B)
128(B)
191(B)
306(B)
427(B)
413(B)
69(B)
Thr506(A) OG1
Lys508(A)
Thr509(A) N, OG1
501(B)
Arg487(A)
Ser513(A) OG
Thr514(A) N, OG1
99(B)
502(B)
Ala516(A) N
Arg536(A)* NH1
29(B)
114(B)
Lys540(A)* NZ
366(B)
67(B)
440(B)
Glu537(A) O
271(B)
Arg536(A)* O
30(B)
82(B)
Asn583(A)* ND2
40(B)
Tyr545(A)
57(C)
124(C)
257(C)
223(C)
449(C)
416(C)
201(C)
530(C)
117(C)*
480(C)
OG Ser486(A)
385(C)
468(C)
ND2 Asn483(A)*
127(C)
Asn485(A)
148(C)
77(C)
142(C)
239(C)
286(C)
454(C)
42(A)
O Ser543(A)
98(C)
107(C)
218(C)
417(C)
308(C)
472(C)
23(A)
NZ Lys540(A)*
OG1 Thr544(A)
234(C)
470(C)
477(C)
156(A)
OD1 Asp578(A)
31(C)
153(C)
Ser576(A)
119(C)
ND2 Asn580(A)
217(C)
252(C)
471(C)
523(C)
2(C)
72(C)
N Ala570(A)
21(C)
254(C)
13(C)
O Ala568(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)

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# file