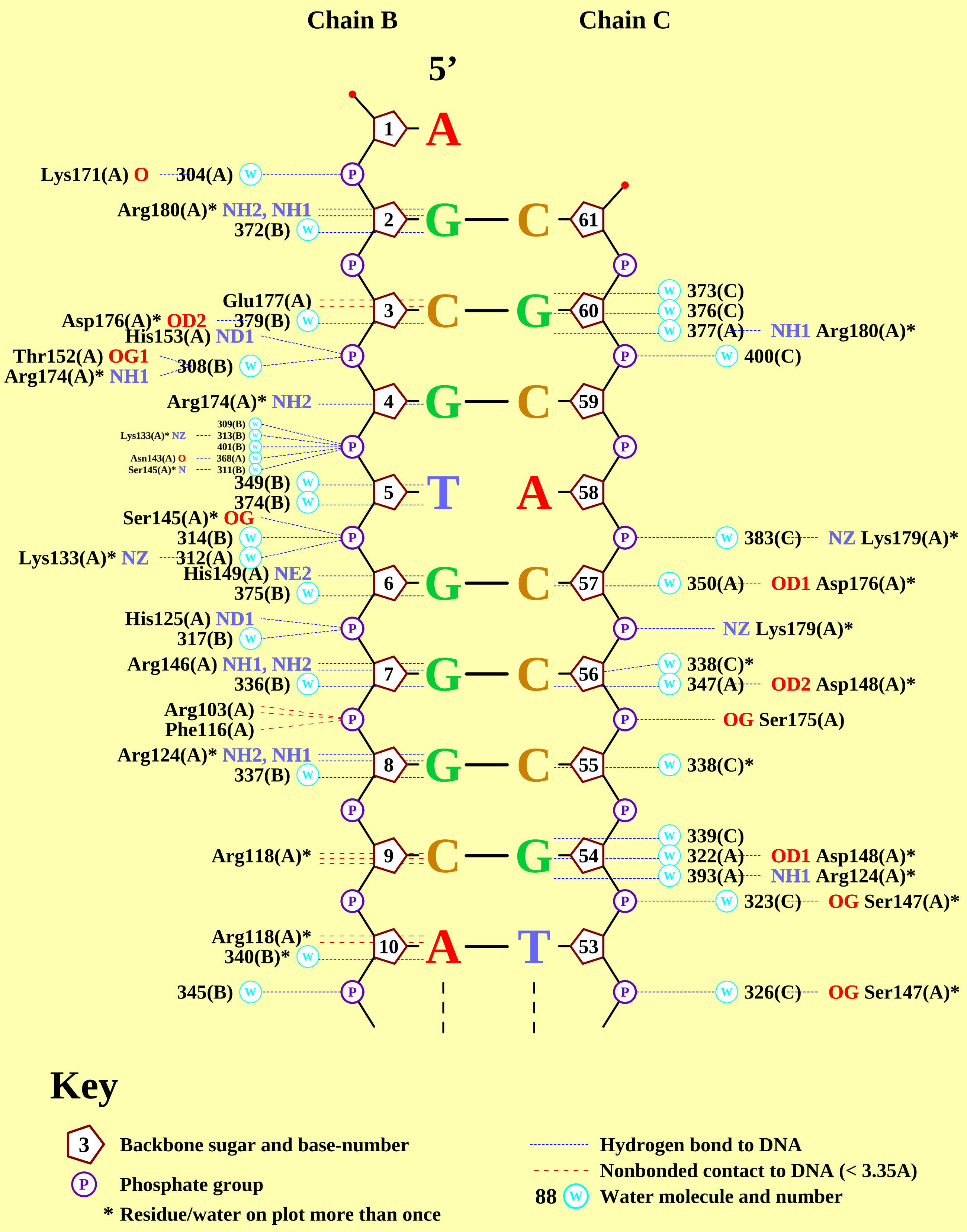
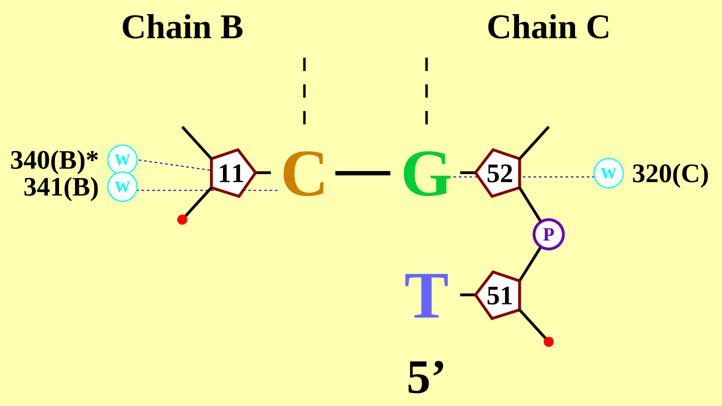

Chain B
Chain C
5’
1 A
Lys171(A) O 304(A)
Arg180(A)* NH2, NH1
372(B)
2 G — C 61
Glu177(A)
Asp176(A)* OD2 379(B)
3 C — G 60
373(C)
376(C)
377(A) NH1 Arg180(A)*
His153(A) ND1
Thr152(A) OG1
Arg174(A)* NH1 308(B)
400(C)
Arg174(A)* NH2
4 G — C 59
309(B)
Lys133(A)* NZ 313(B)
401(B)
Asn143(A) O 368(A)
Ser145(A)* N 311(B)
349(B)
374(B)
5 T A 58
Ser145(A)* OG
314(B)
Lys133(A)* NZ 312(A)
383(C) NZ Lys179(A)*
His149(A) NE2
375(B)
6 G — C 57
350(A) OD1 Asp176(A)*
His125(A) ND1
317(B)
NZ Lys179(A)*
Arg146(A) NH1, NH2
336(B)
7 G — C 56
338(C)*
347(A) OD2 Asp148(A)*
Arg103(A)
Phe116(A)
OG Ser175(A)
Arg124(A)* NH2, NH1
337(B)
8 G — C 55
338(C)*
Arg118(A)*
9 C — G 54
339(C)
322(A) OD1 Asp148(A)*
393(A) NH1 Arg124(A)*
323(C) OG Ser147(A)*
Arg118(A)*
340(B)*
10 A — T 53
345(B)
326(C) OG Ser147(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