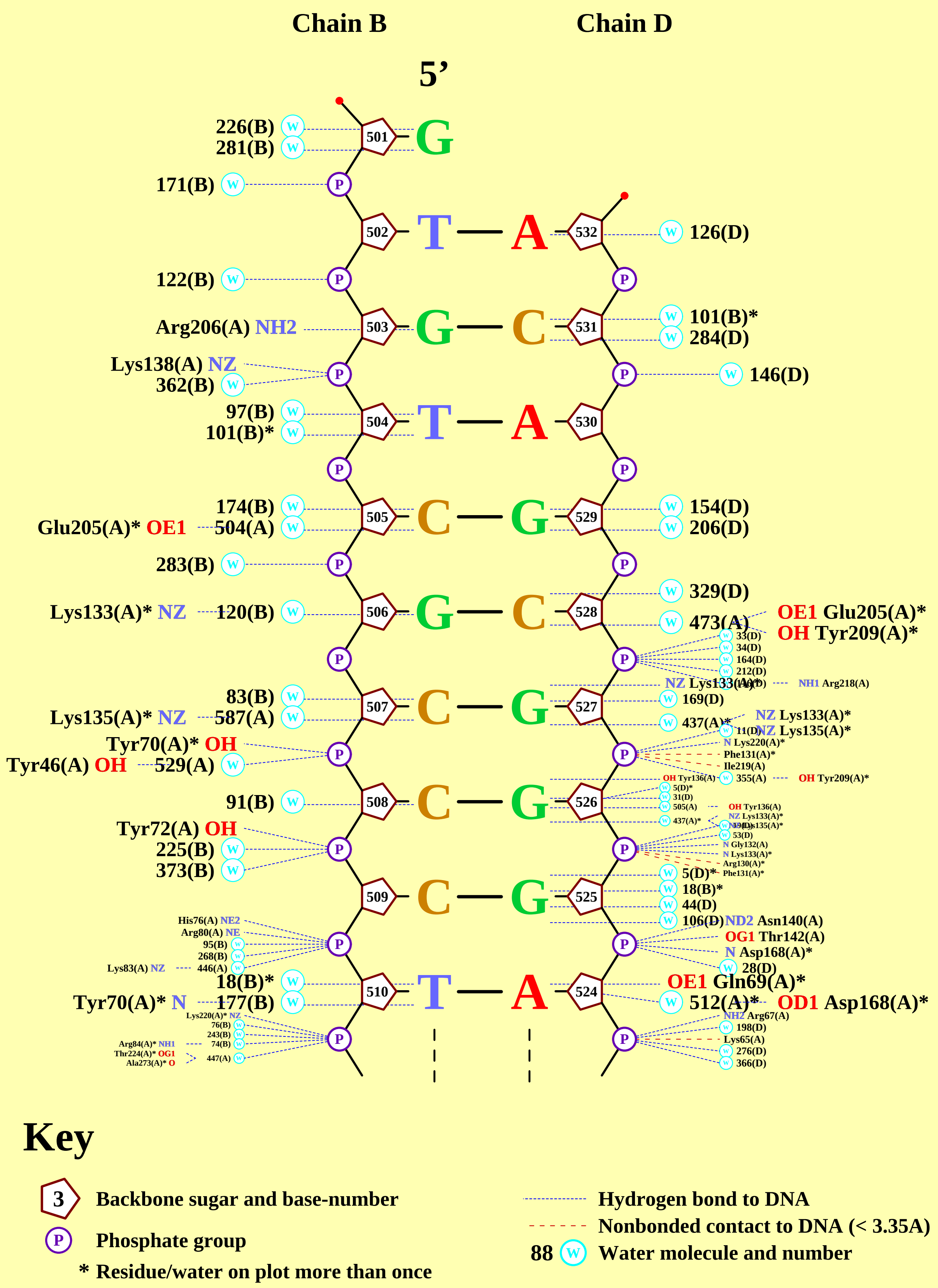
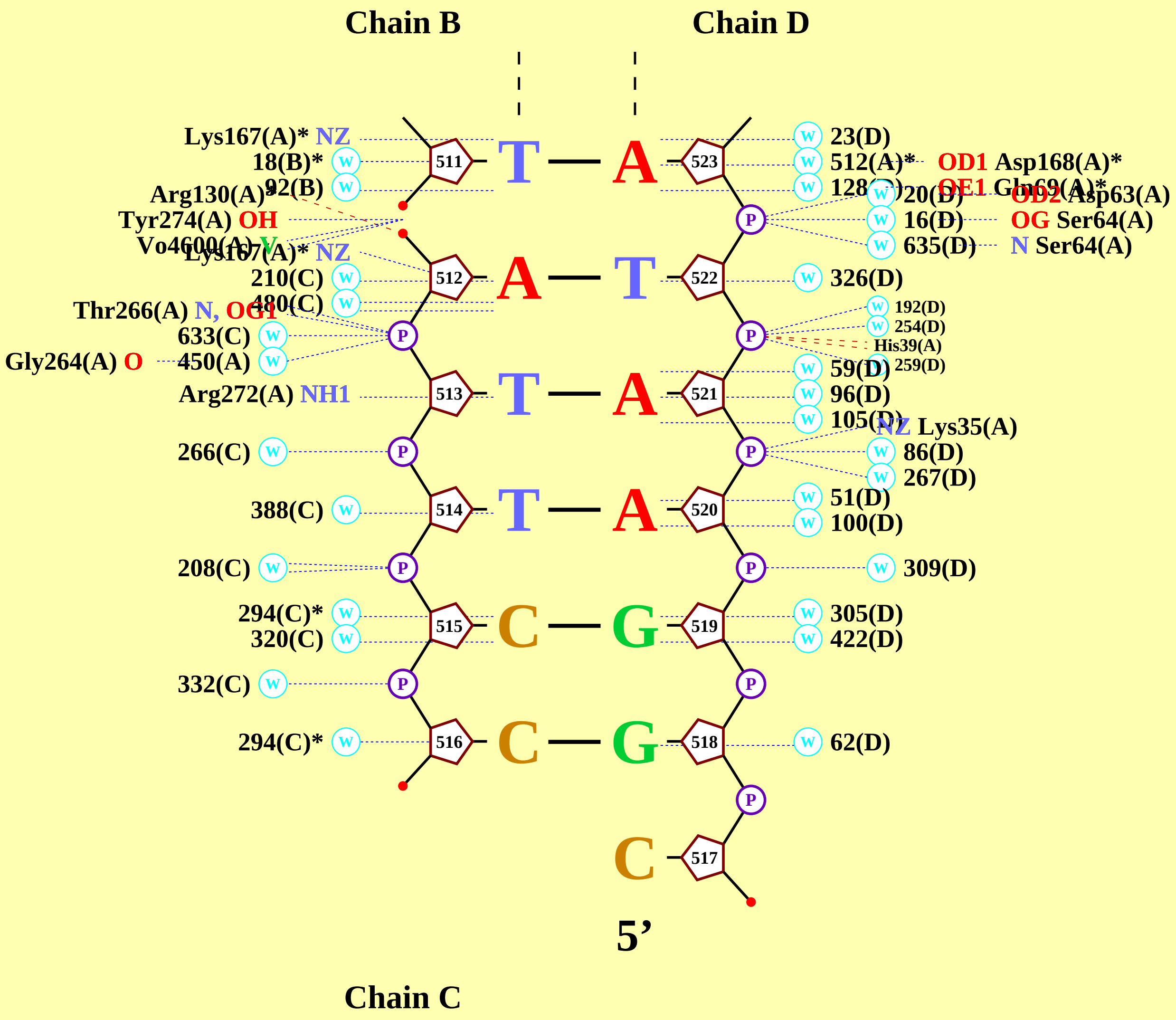

Chain B
Chain D
5’
226(B)
281(B)
501
G
171(B)
502
T
A
532
126(D)
122(B)
Arg206(A) NH2
503
G
C
531
101(B)*
284(D)
Lys138(A) NZ
362(B)
146(D)
97(B)
101(B)*
504
T
A
530
174(B)
Glu205(A)* OE1
504(A)
505
C
G
529
154(D)
206(D)
283(B)
329(D)
Lys133(A)* NZ
120(B)
506
G
C
528
473(A)
OE1 Glu205(A)*
OH Tyr209(A)*
33(D)
34(D)
164(D)
212(D)
146(D)
NZ Lys133(A)*
NH1 Arg218(A)
83(B)
Lys135(A)* NZ
587(A)
507
C
G
527
169(D)
437(A)*
NZ Lys133(A)*
NZ Lys135(A)*
11(D)
N Lys220(A)*
Phe131(A)*
Ile219(A)
355(A)
OH Tyr209(A)*
OH Tyr136(A)
Tyr70(A)* OH
Tyr46(A) OH
529(A)
91(B)
508
C
G
526
5(D)*
31(D)
505(A)
OH Tyr136(A)
437(A)*
NZ Lys133(A)*
NZ Lys135(A)*
19(D)
53(D)
N Gly132(A)
N Lys133(A)*
Arg130(A)*
Phe131(A)*
Tyr72(A) OH
225(B)
373(B)
509
C
G
525
5(D)*
18(B)*
44(D)
106(D)
ND2 Asn140(A)
OG1 Thr142(A)
N Asp168(A)*
28(D)
His76(A) NE2
Arg80(A) NE
95(B)
268(B)
Lys83(A) NZ
446(A)
18(B)*
Tyr70(A)* N
177(B)
510
T
A
524
OE1 Gln69(A)*
512(A)*
OD1 Asp168(A)*
Lys220(A)* NZ
76(B)
243(B)
Arg84(A)* NH1
74(B)
Thr224(A)* OG1
Ala273(A)* O
447(A)
NH2 Arg67(A)
198(D)
Lys65(A)
276(D)
366(D)
P
W
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