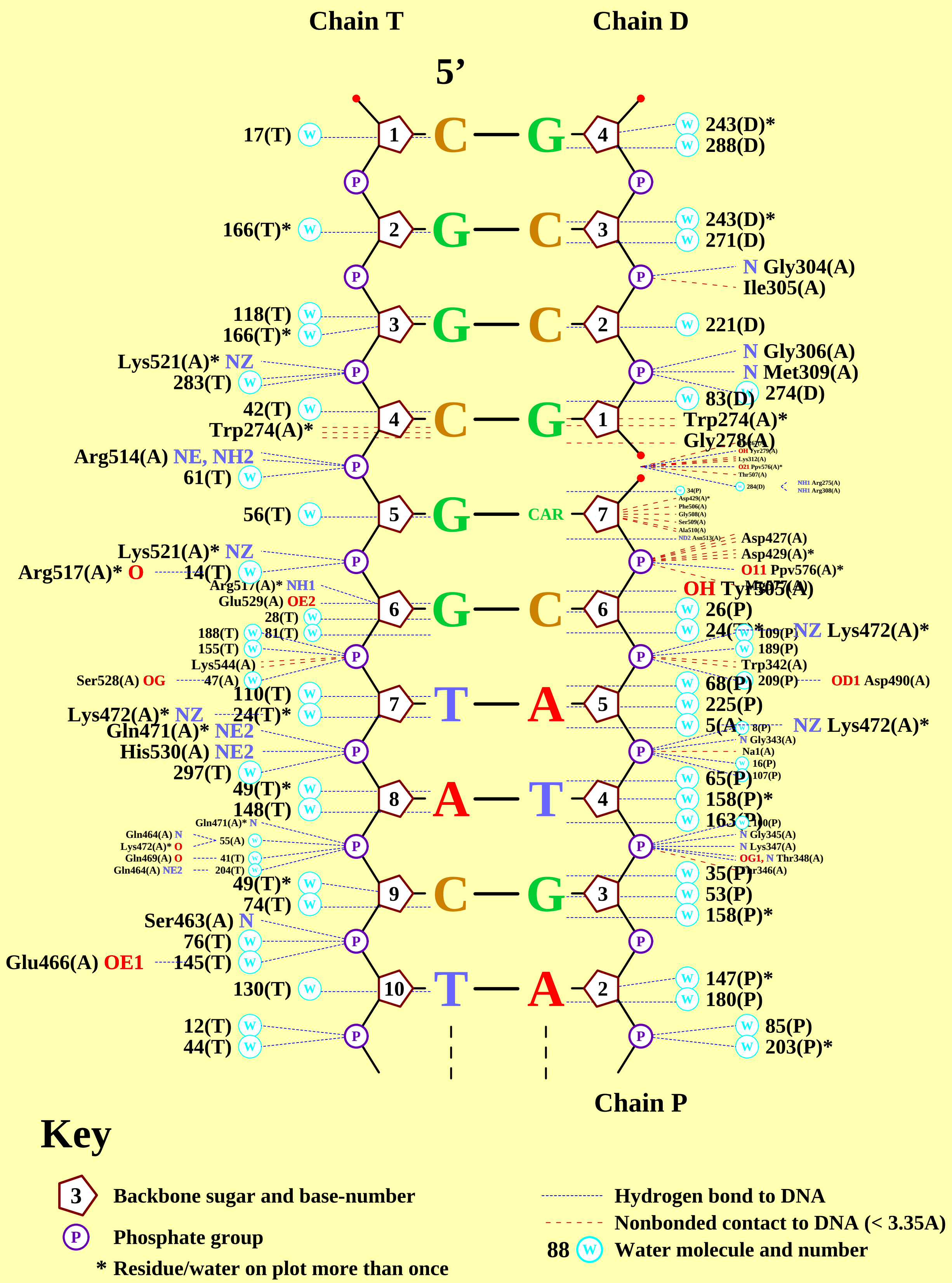
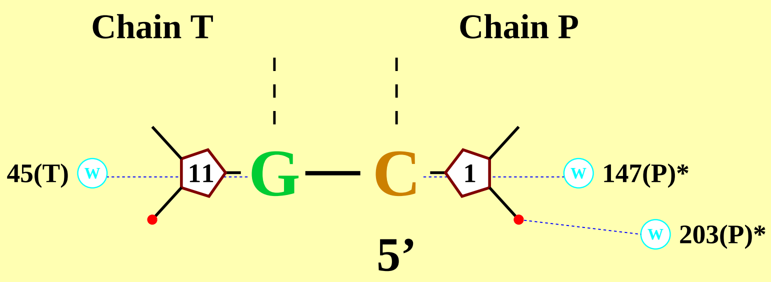

Chain T
Chain D
5’
C — G
G — C
G — C
C — G
G — CAR
G — C
T — A
A — T
C — G
T — A
17(T)
243(D)*
288(D)
166(T)*
243(D)*
271(D)
N Gly304(A)
Ile305(A)
118(T)
166(T)*
221(D)
Lys521(A)* NZ
283(T)
N Gly306(A)
N Met309(A)
83(D)
274(D)
42(T)
Trp274(A)*
Trp274(A)*
Gly278(A)
Arg514(A) NE, NH2
61(T)
56(T)
Lys521(A)* NZ
Arg517(A)* O
14(T)
Asp427(A)
Asp429(A)*
O11 Ppv576(A)*
OH Tyr305(A)
Arg517(A)* NH1
Glu529(A) OE2
28(T)
188(T)
81(T)
155(T)
26(P)
24(P)*
109(P)
NZ Lys472(A)*
189(P)
Lys544(A)
Trp342(A)
Ser528(A) OG
47(A)
68(P)
209(P)
OD1 Asp490(A)
110(T)
225(P)
Lys472(A)* NZ
24(T)*
5(A)
NZ Lys472(A)*
Gln471(A)* NE2
N Gly343(A)
His530(A) NE2
297(T)
16(P)
65(P)
107(P)
49(T)*
158(P)*
148(T)
163(P)
Gln471(A)* N
Gln464(A) N
55(A)
N Gly345(A)
Lys472(A)* O
N Lys347(A)
Gln469(A) O
41(T)
OG1, N Thr348(A)
Gln464(A) NE2
204(T)
Thr346(A)
49(T)*
35(P)
74(T)
53(P)
158(P)*
Ser463(A) N
76(T)
Glu466(A) OE1
145(T)
130(T)
147(P)*
180(P)
12(T)
85(P)
44(T)
203(P)*
Chain P
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



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