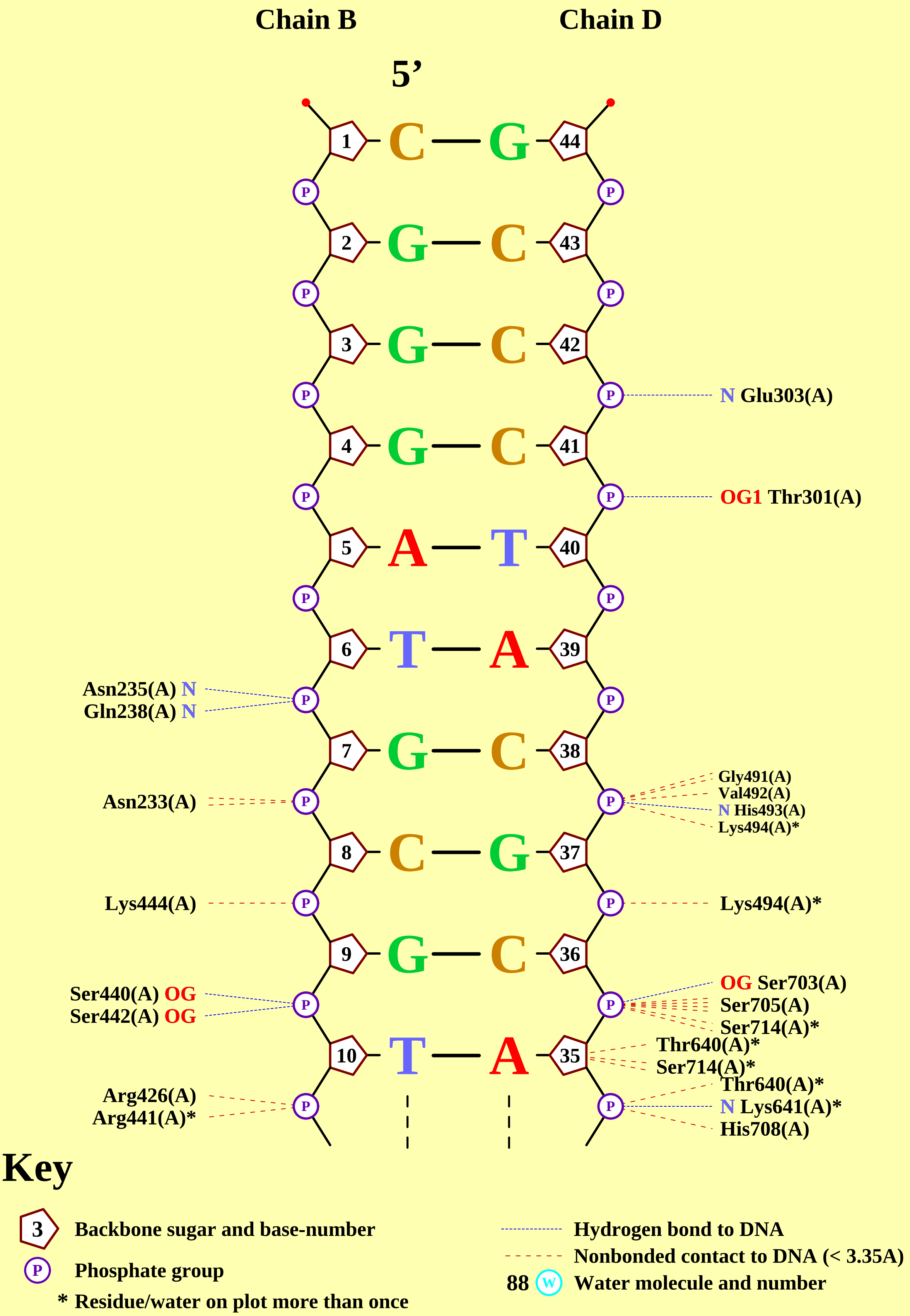
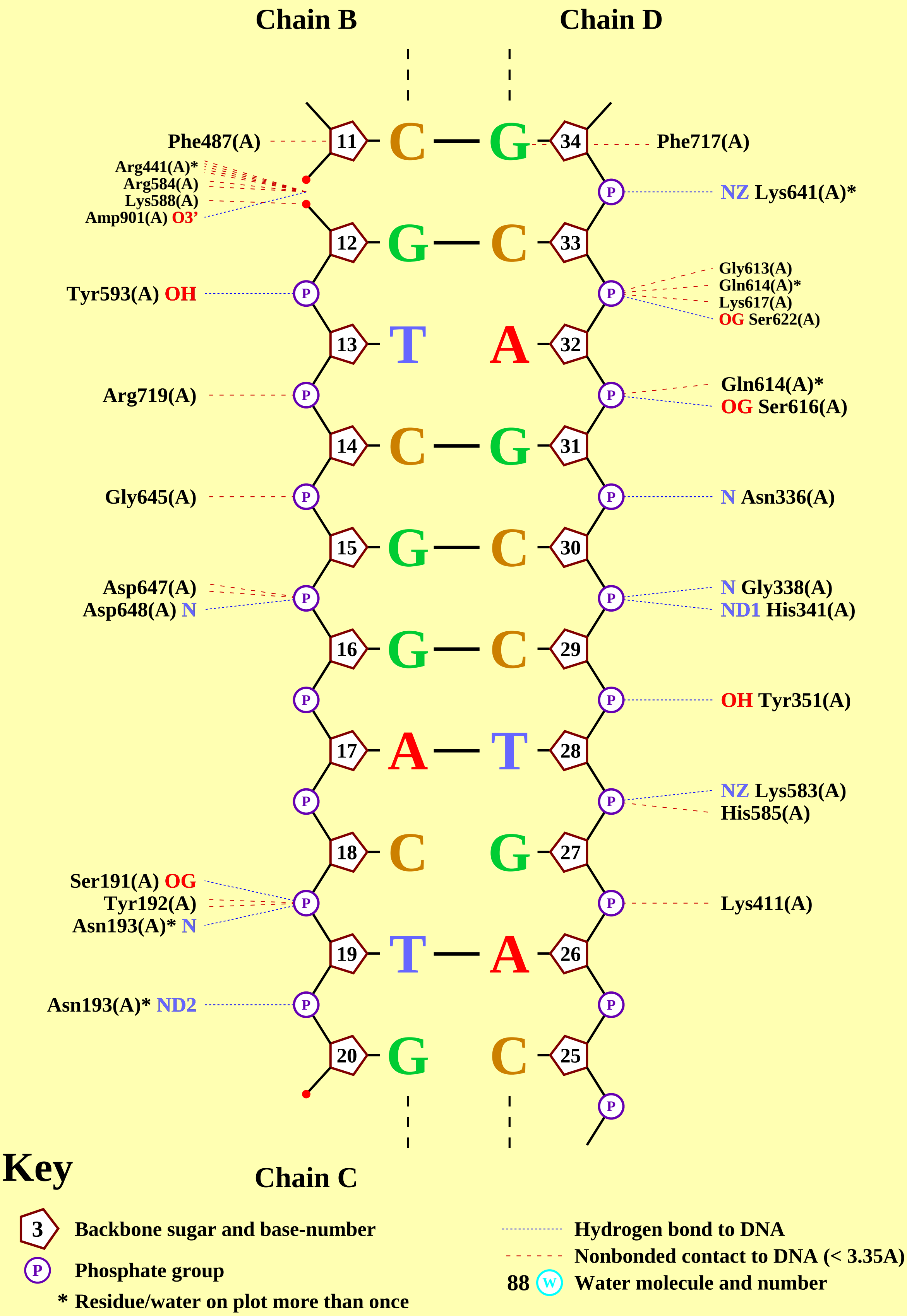
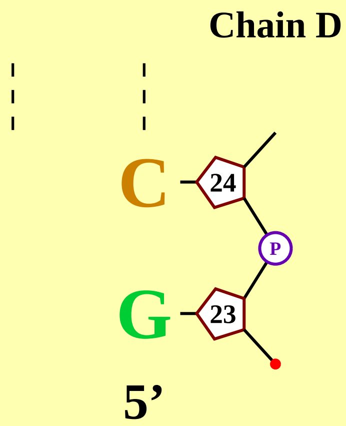

Chain B
Chain D
5’
C G G G A T G C G T
G C C C T A C G C A
1 2 3 4 5 6 7 8 9 10
44 43 42 41 40 39 38 37 36 35
N Glu303(A)
OG1 Thr301(A)
Asn235(A) N
Gln238(A) N
Gly491(A)
Val492(A)
N His493(A)
Lys494(A)*
Asn233(A)
Lys444(A)
Lys494(A)*
OG Ser703(A)
Ser705(A)
Ser714(A)*
Ser440(A) OG
Ser442(A) OG
Thr640(A)*
Ser714(A)*
Thr640(A)*
N Lys641(A)*
His708(A)
Arg426(A)
Arg441(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

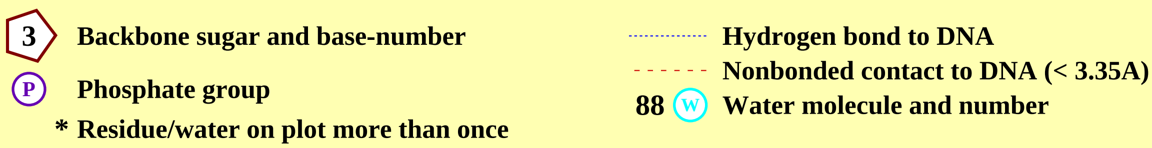
file


Chain B
Chain D
Phe487(A)
Arg441(A)*
Arg584(A)
Lys588(A)
Amp901(A) O3'
Tyr593(A) OH
Arg719(A)
Gly645(A)
Asp647(A)
Asp648(A) N
Ser191(A) OG
Tyr192(A)
Asn193(A)* N
Asn193(A)* ND2
Phe717(A)
NZ Lys641(A)*
Gly613(A)
Gln614(A)*
Lys617(A)
OG Ser622(A)
Gln614(A)*
OG Ser616(A)
N Asn336(A)
N Gly338(A)
ND1 His341(A)
OH Tyr351(A)
NZ Lys583(A)
His585(A)
Lys411(A)
11 C — G 34
12 G — C 33
13 T A 32
14 C — G 31
15 G — C 30
16 G — C 29
17 A — T 28
18 C G 27
19 T — A 26
20 G C 25
Chain C
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 D
C
24
P
G
23
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