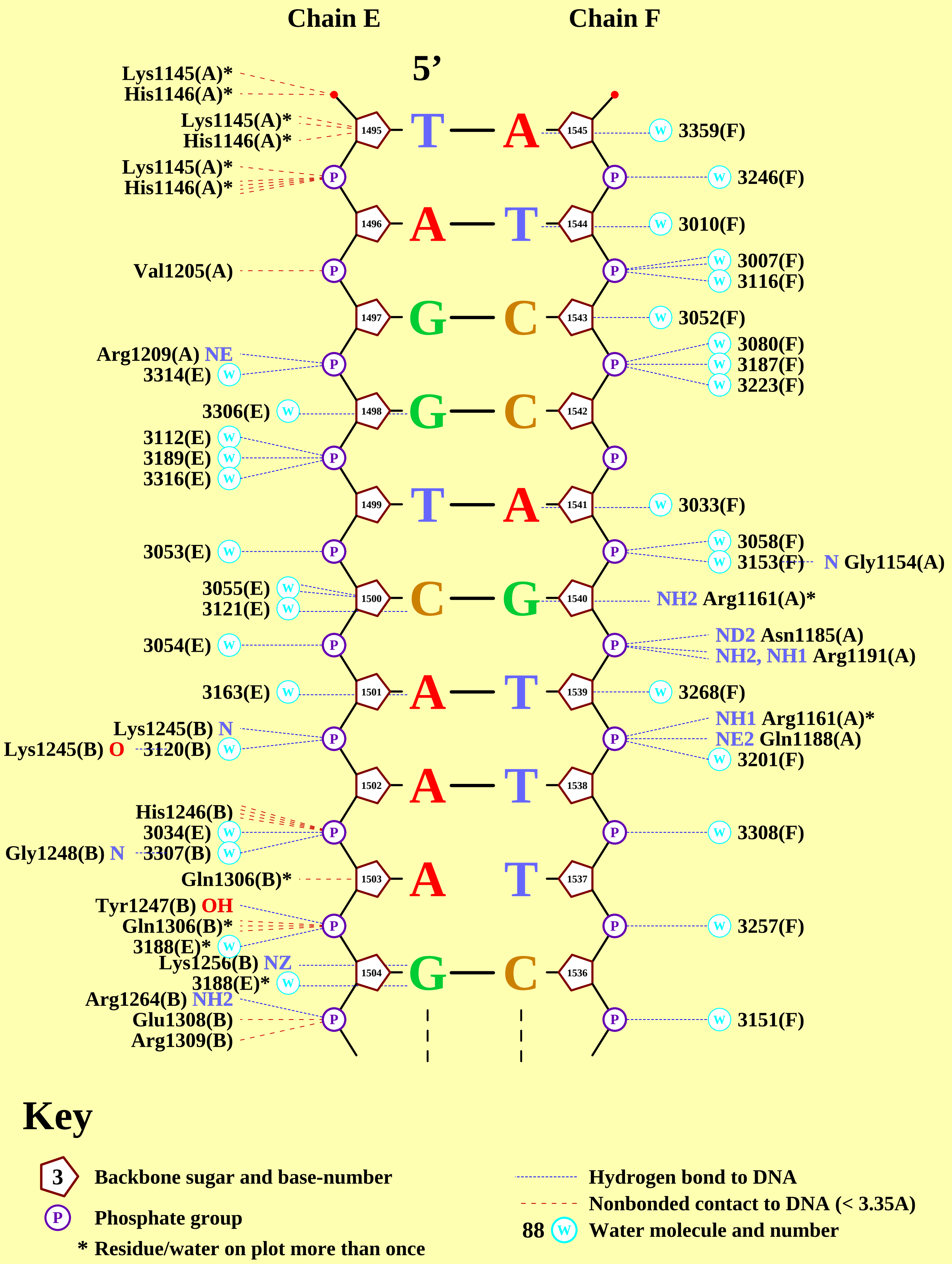
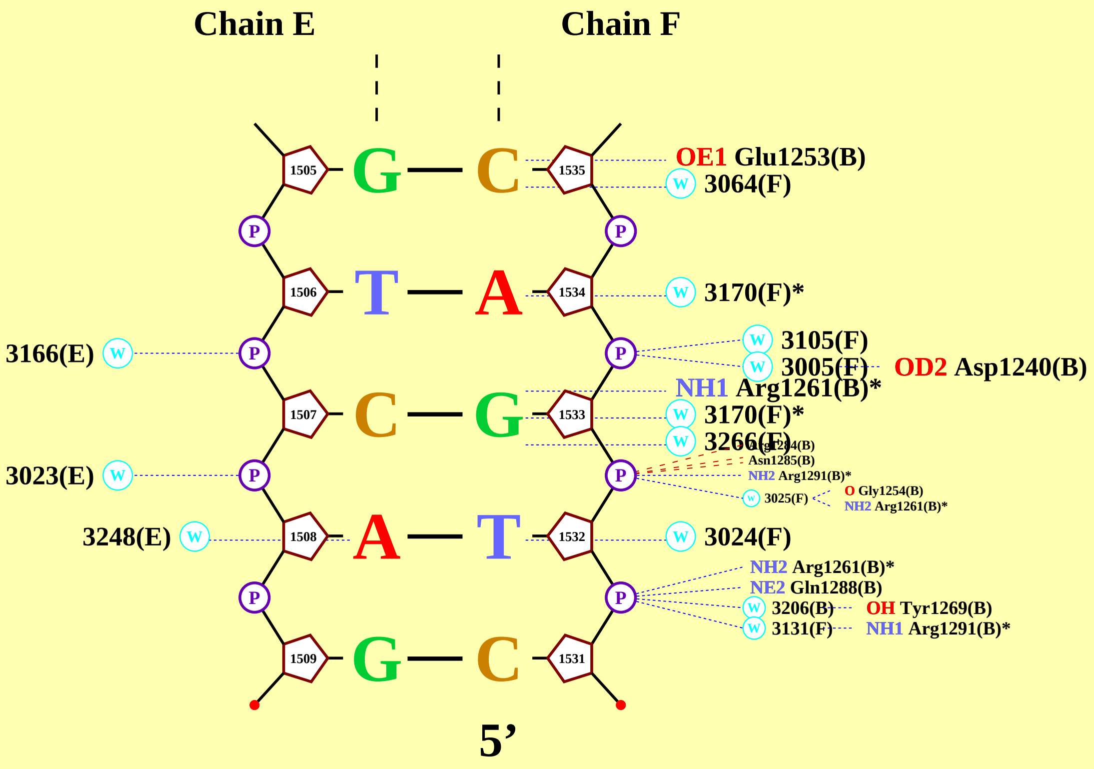

Chain E
Chain F
5’
Lys1145(A)*
His1146(A)*
Lys1145(A)*
His1146(A)*
Lys1145(A)*
His1146(A)*
Val1205(A)
Arg1209(A) NE
3314(E)
3306(E)
3112(E)
3189(E)
3316(E)
3053(E)
3055(E)
3121(E)
3054(E)
3163(E)
Lys1245(B) N
Lys1245(B) O
3120(B)
His1246(B)
3034(E)
Gly1248(B) N
3307(B)
Gln1306(B)*
Tyr1247(B) OH
Gln1306(B)*
3188(E)*
Lys1256(B) NZ
3188(E)*
Arg1264(B) NH2
Glu1308(B)
Arg1309(B)
1495
1496
1497
1498
1499
1500
1501
1502
1503
1504
T
A
G
G
T
C
A
A
A
G
A
T
C
C
A
G
T
T
T
C
1545
1544
1543
1542
1541
1540
1539
1538
1537
1536
3359(F)
3246(F)
3010(F)
3007(F)
3116(F)
3052(F)
3080(F)
3187(F)
3223(F)
3033(F)
3058(F)
3153(F)
N Gly1154(A)
NH2 Arg1161(A)*
ND2 Asn1185(A)
NH2, NH1 Arg1191(A)
3268(F)
NH1 Arg1161(A)*
NE2 Gln1188(A)
3201(F)
3308(F)
3257(F)
3151(F)
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

Ⓟ Phosphate group

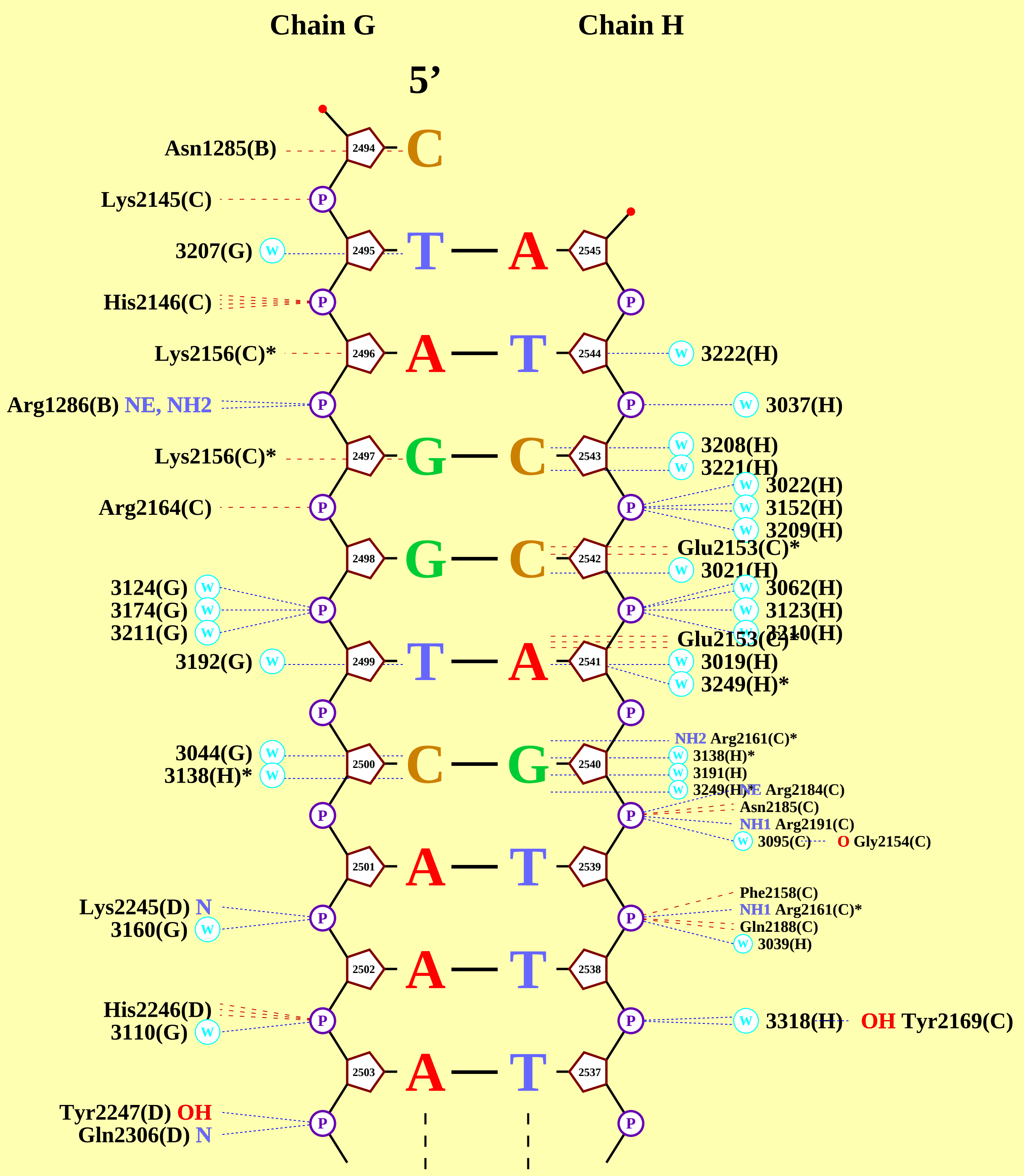
* Residue/water on plot more than once

······ Hydrogen bond to DNA

- - - - - - Nonbonded contact to DNA (< 3.35A)

88 Ⓦ Water molecule and number

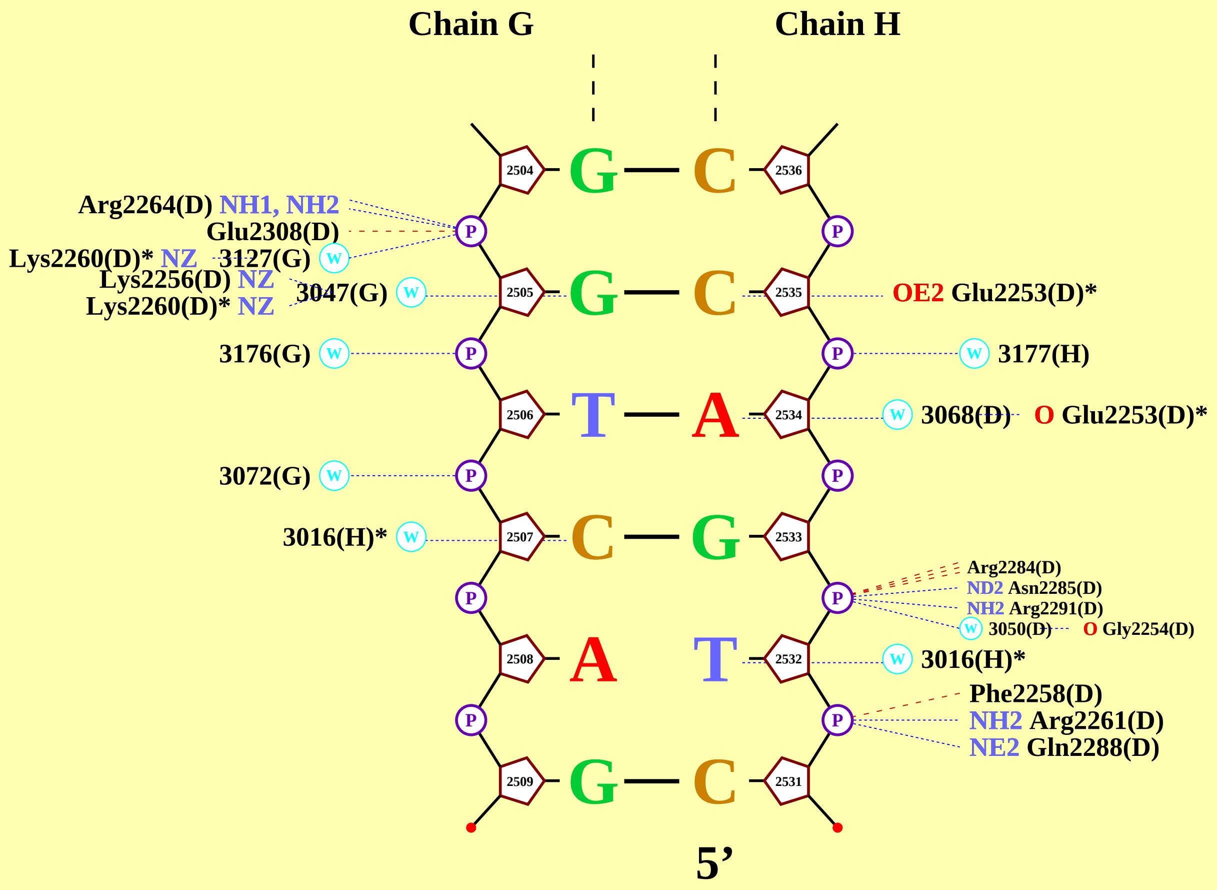
file



Key

3	Backbone sugar and base-number	········	Hydrogen bond to DNA
Ⓟ	Phosphate group	- - - -	Nonbonded contact to DNA (< 3.35A)
*	Residue/water on plot more than once	88 Ⓦ	Water molecule and number

file



Key

⬠ 3 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