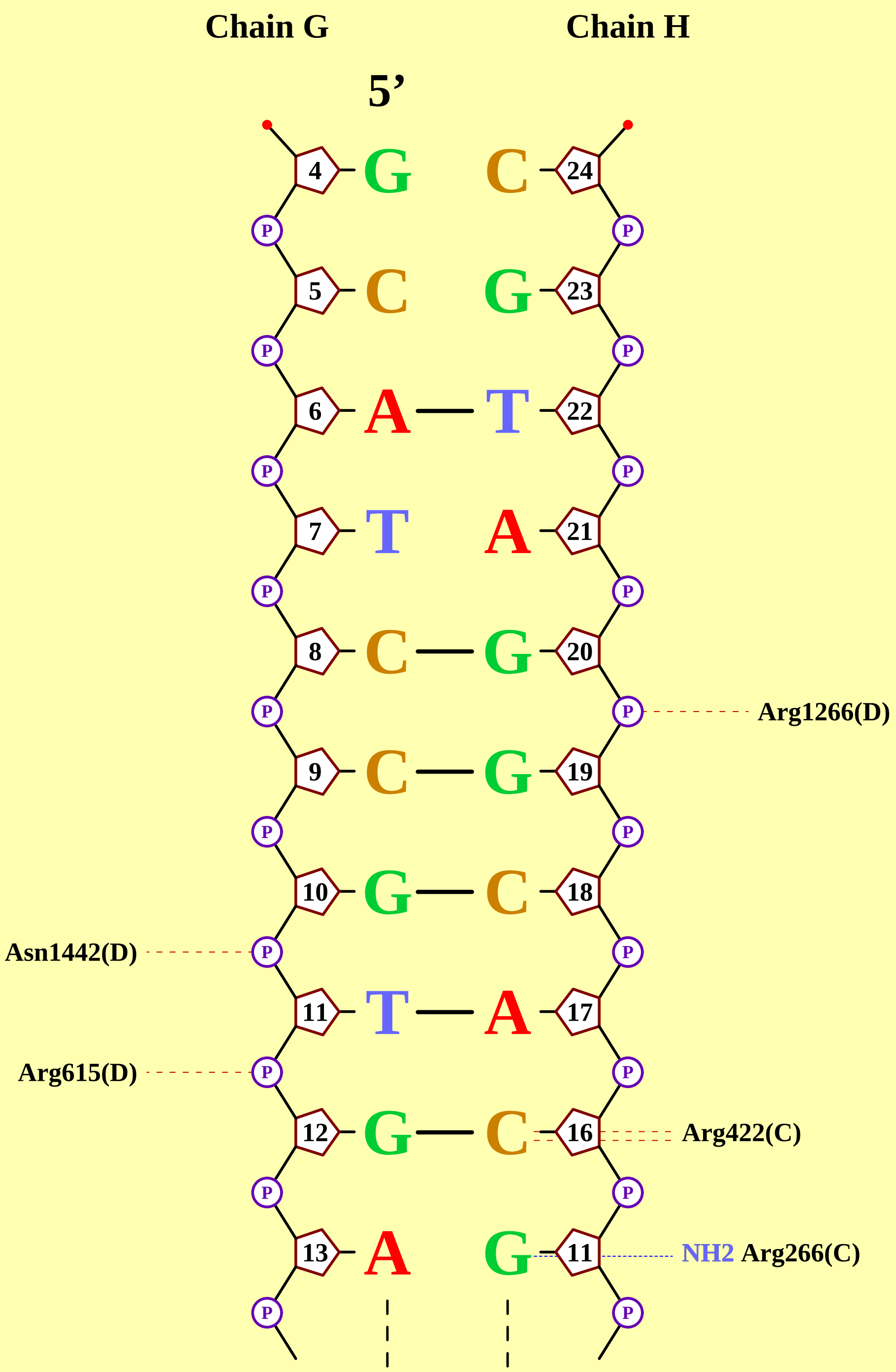


Key

3 Backbone sugar and base-number

P Phosphate group

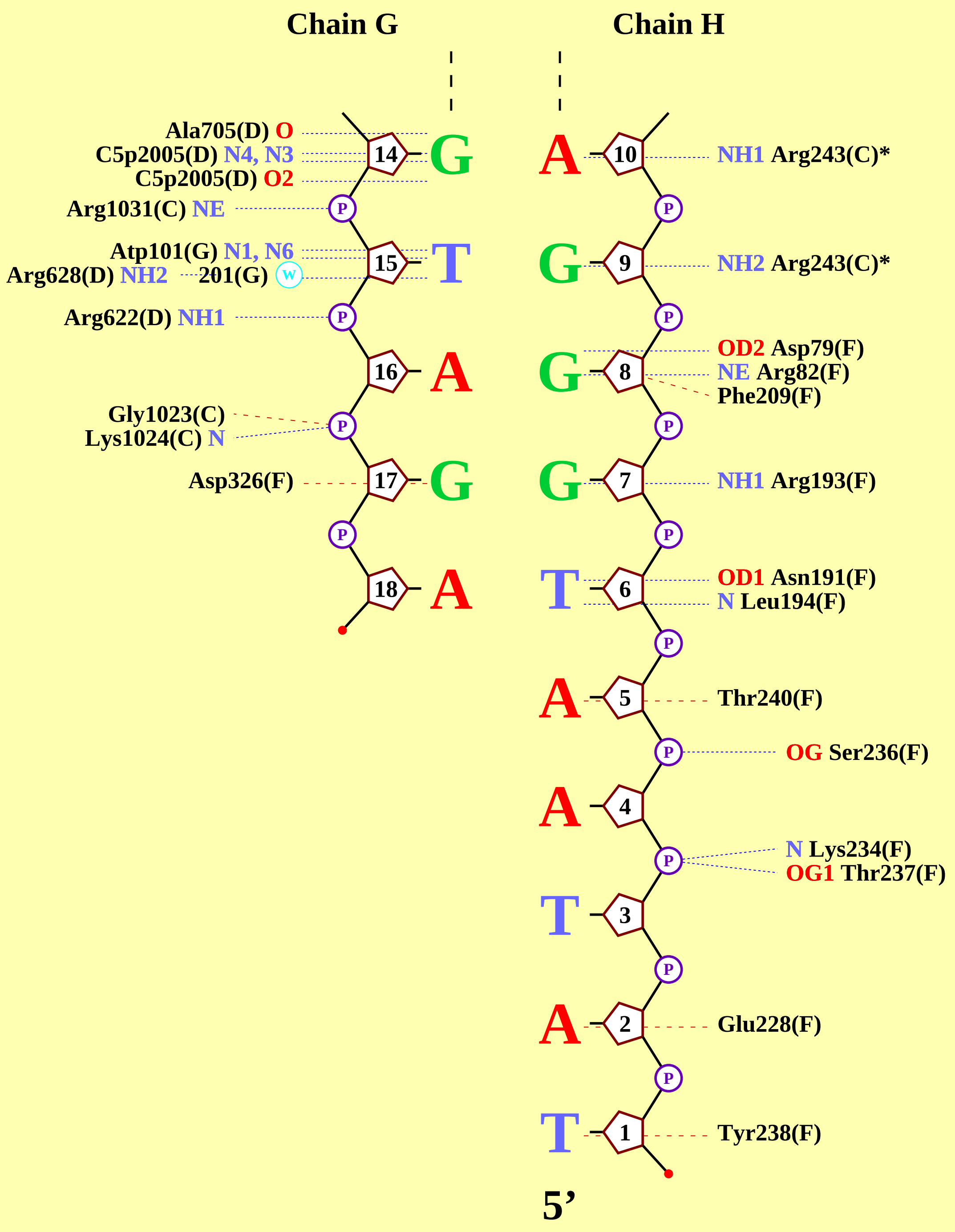
* Residue/water on plot more than once

Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

file



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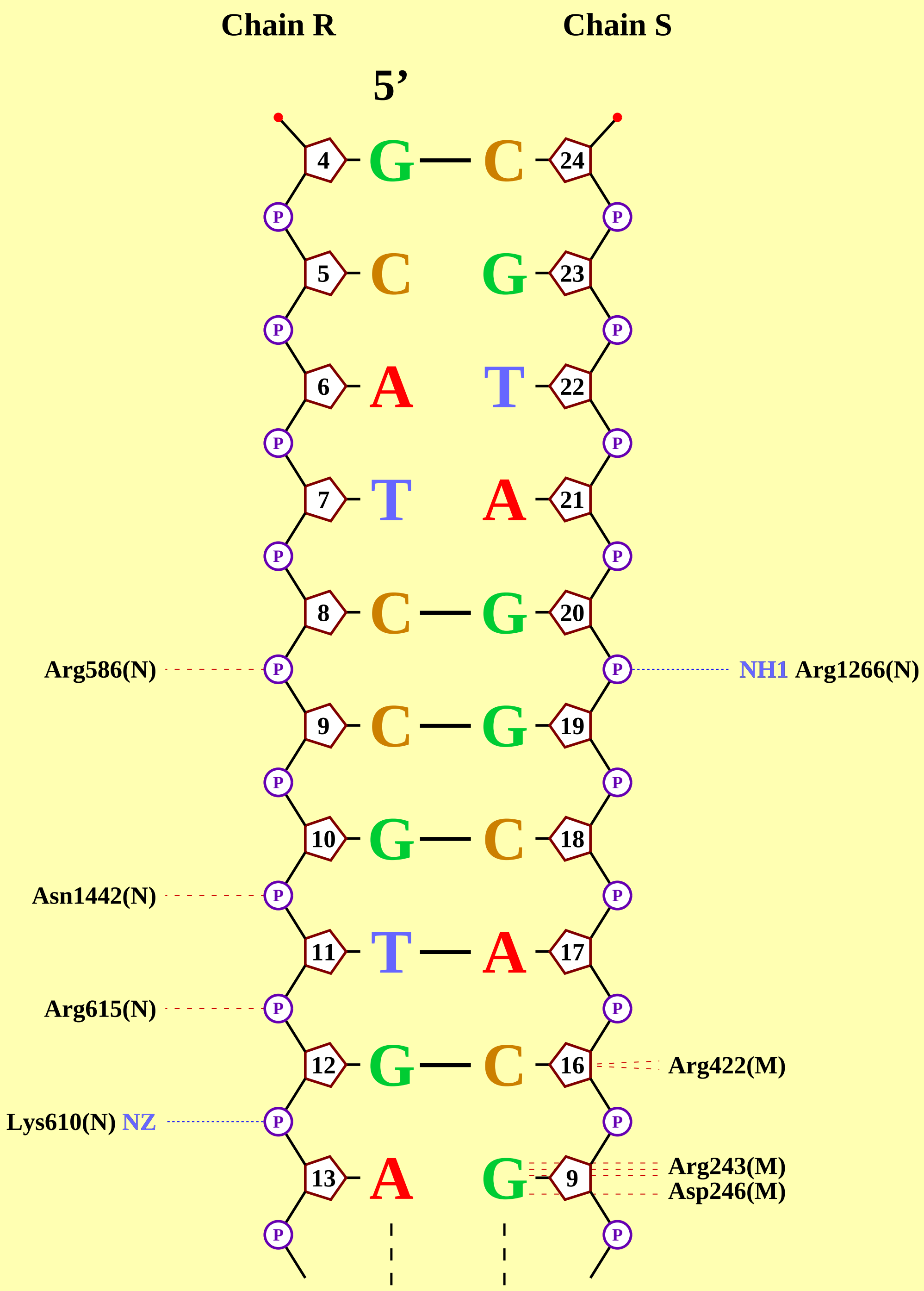
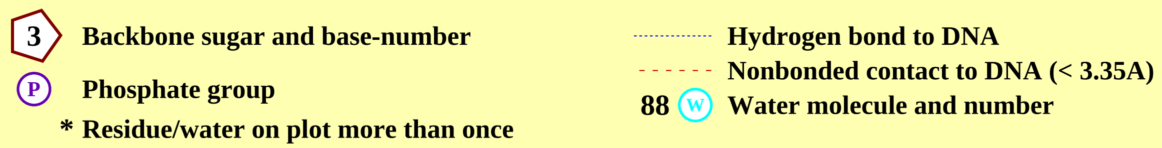


Chain R
Chain S
5’
4 G — C 24
5 C G 23
6 A T 22
7 T A 21
8 C — G 20
Arg586(N)
NH1 Arg1266(N)
9 C — G 19
10 G — C 18
Asn1442(N)
11 T — A 17
Arg615(N)
12 G — C 16
Arg422(M)
Lys610(N) NZ
13 A G 9
Arg243(M)
Asp246(M)

Key



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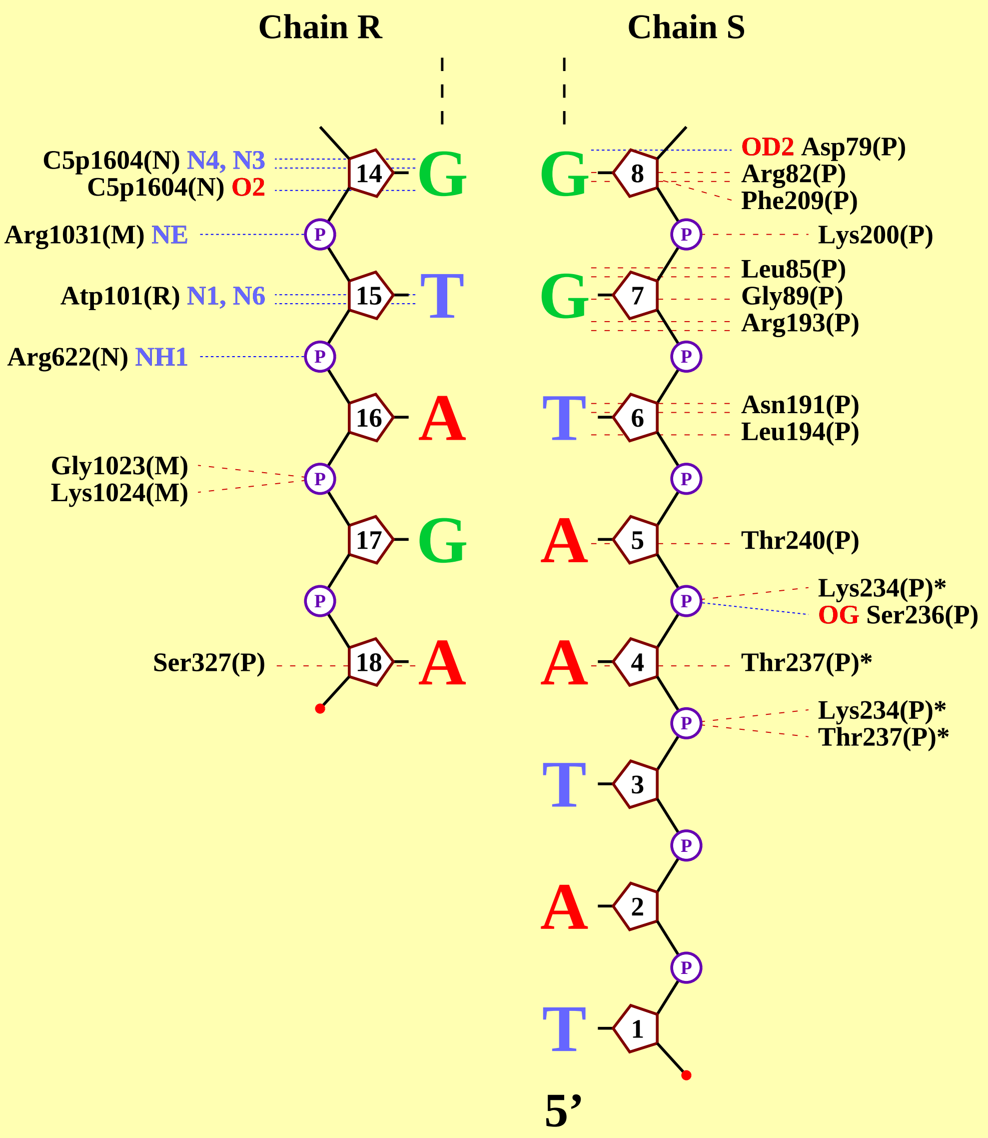
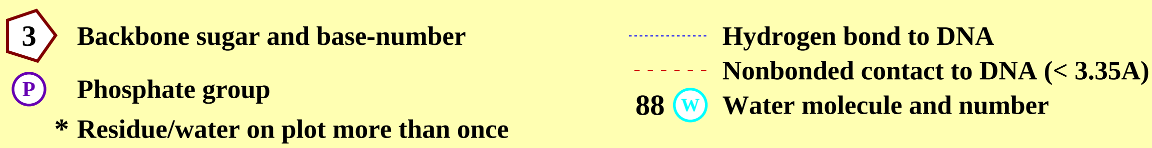


Chain R
Chain S
C5p1604(N) N4, N3
C5p1604(N) O2
Arg1031(M) NE
Atp101(R) N1, N6
Arg622(N) NH1
Gly1023(M)
Lys1024(M)
Ser327(P)
14
15
16
17
18
G
T
A
G
A
G
G
T
A
A
T
A
T
8
7
6
5
4
3
2
1
5’
OD2 Asp79(P)
Arg82(P)
Phe209(P)
Lys200(P)
Leu85(P)
Gly89(P)
Arg193(P)
Asn191(P)
Leu194(P)
Thr240(P)
Lys234(P)*
OG Ser236(P)
Thr237(P)*
Lys234(P)*
Thr237(P)*

Key



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