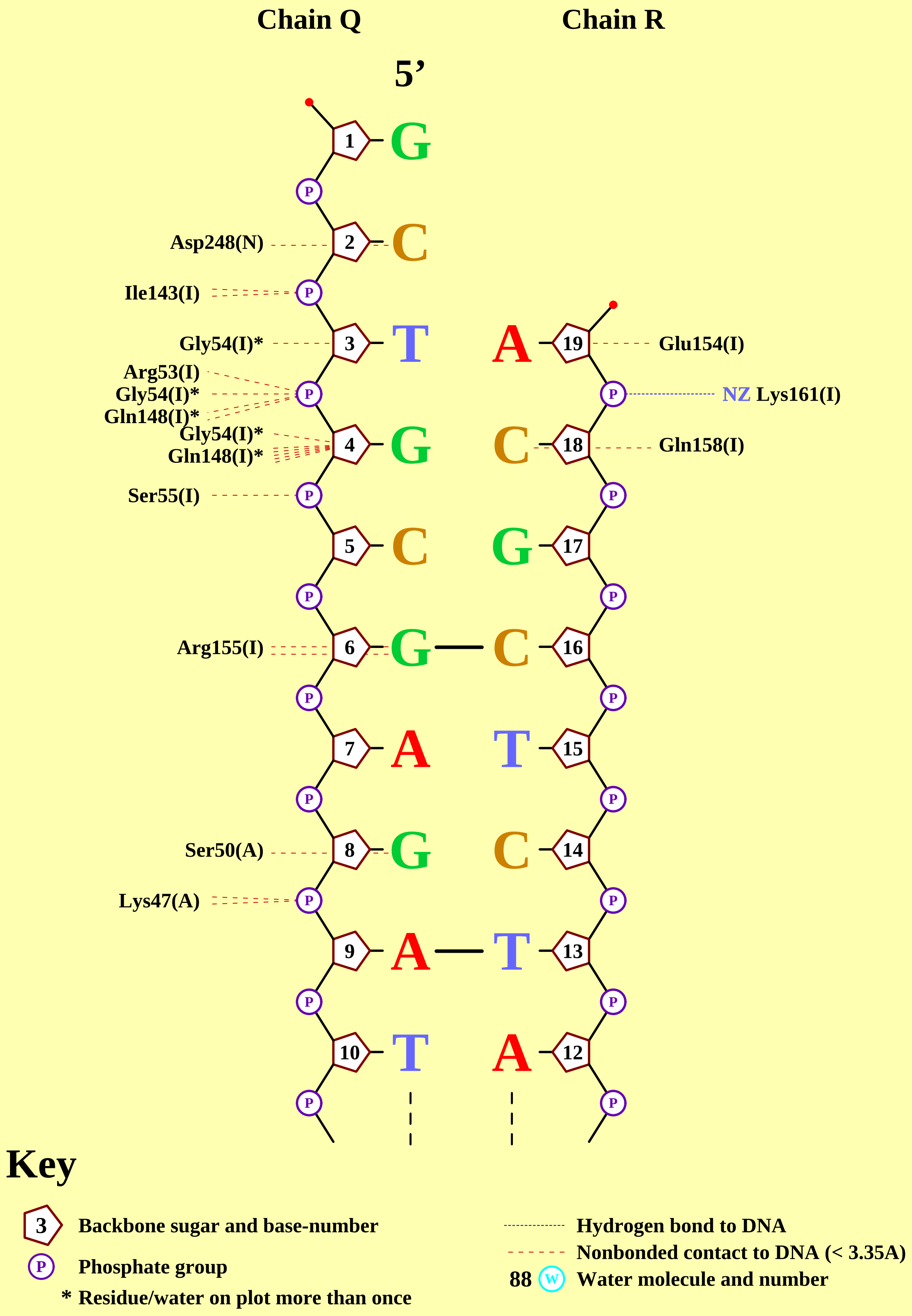
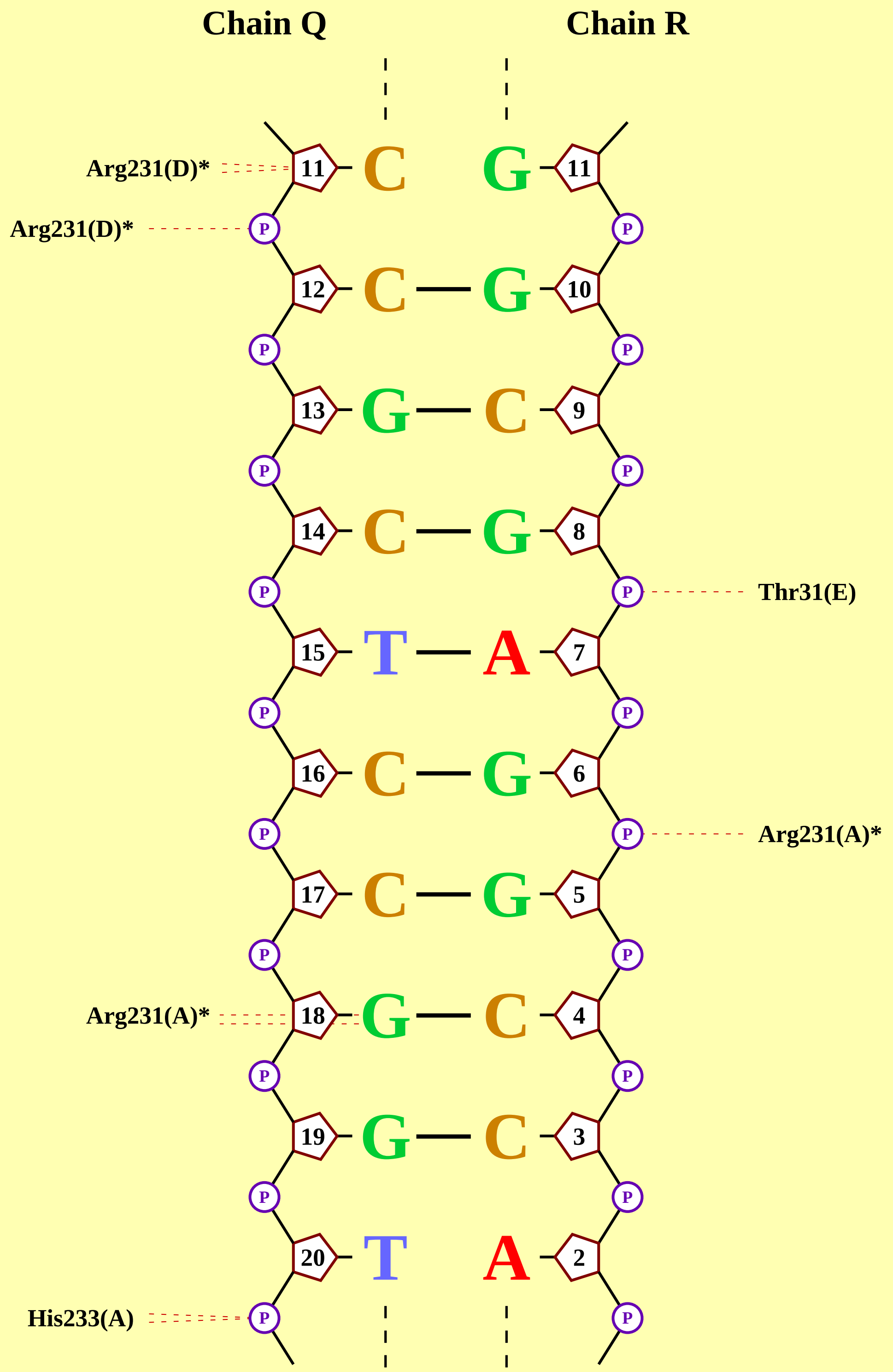


Chain Q
Chain R
5’
1 G
2 C
3 T
4 G
5 C
6 G
7 A
8 G
9 A
10 T
19 A
18 C
17 G
16 C
15 T
14 C
13 T
12 A
P
Asp248(N)
Ile143(I)
Gly54(I)*
Arg53(I)
Gly54(I)*
Gln148(I)*
Gly54(I)*
Gln148(I)*
Ser55(I)
Arg155(I)
Ser50(A)
Lys47(A)
Glu154(I)
NZ Lys161(I)
Gln158(I)
Key
3 Backbone sugar and base-number
P Phosphate 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 Q
Chain R
Arg231(D)*
Arg231(D)*
Thr31(E)
Arg231(A)*
Arg231(A)*
His233(A)
11
12
13
14
15
16
17
18
19
20
11
10
9
8
7
6
5
4
3
2
C
C
G
C
T
C
C
G
G
T
G
G
C
G
A
G
G
C
C
A
P

Key

3 Backbone sugar and base-number
P Phosphate group
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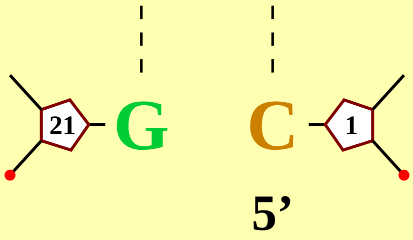
88 W Water molecule and number

file

Chain Q **Chain R**



Key

3 Backbone sugar and base-number

P Phosphate group

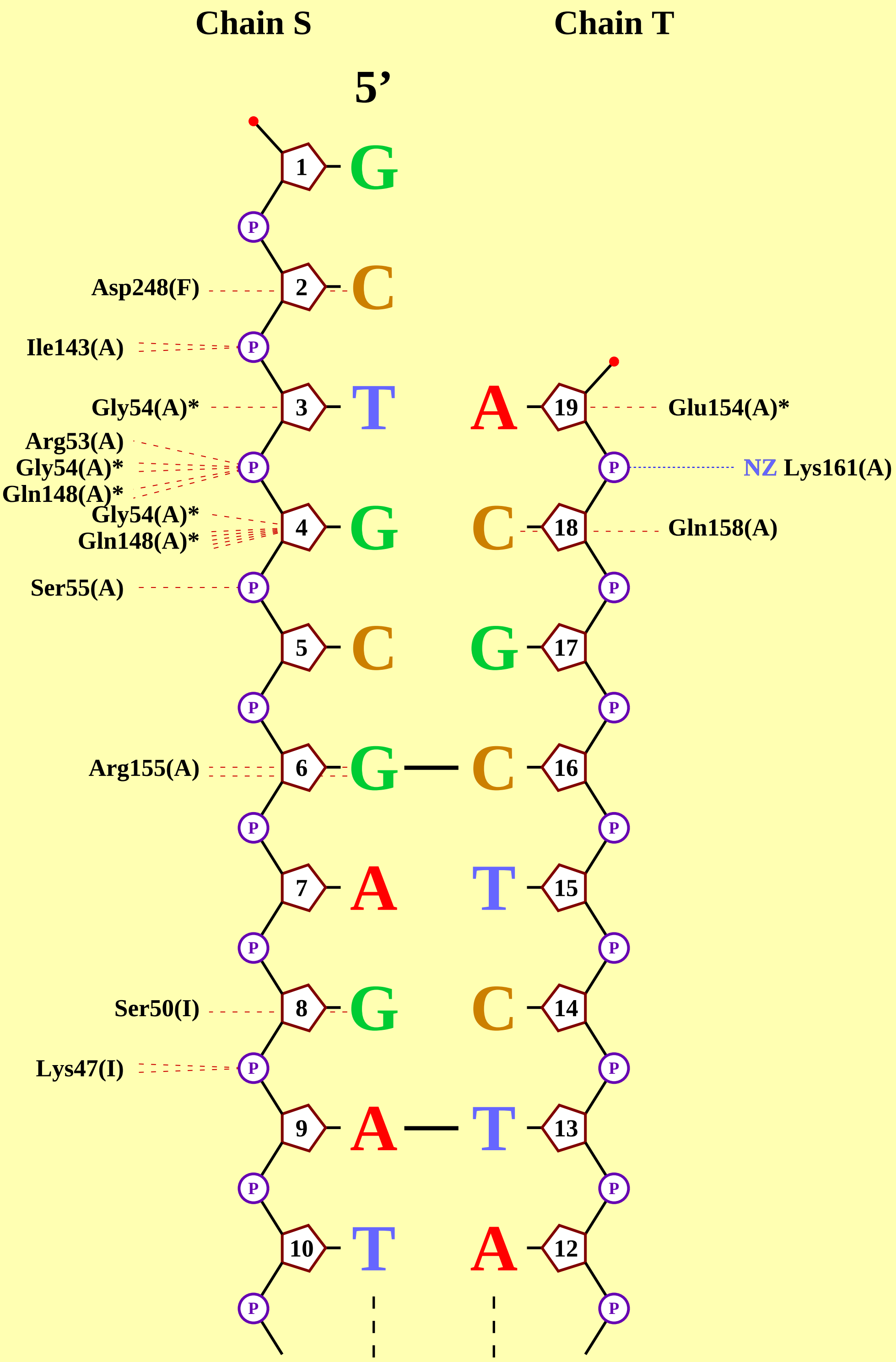
* Residue/water on plot more than once

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)
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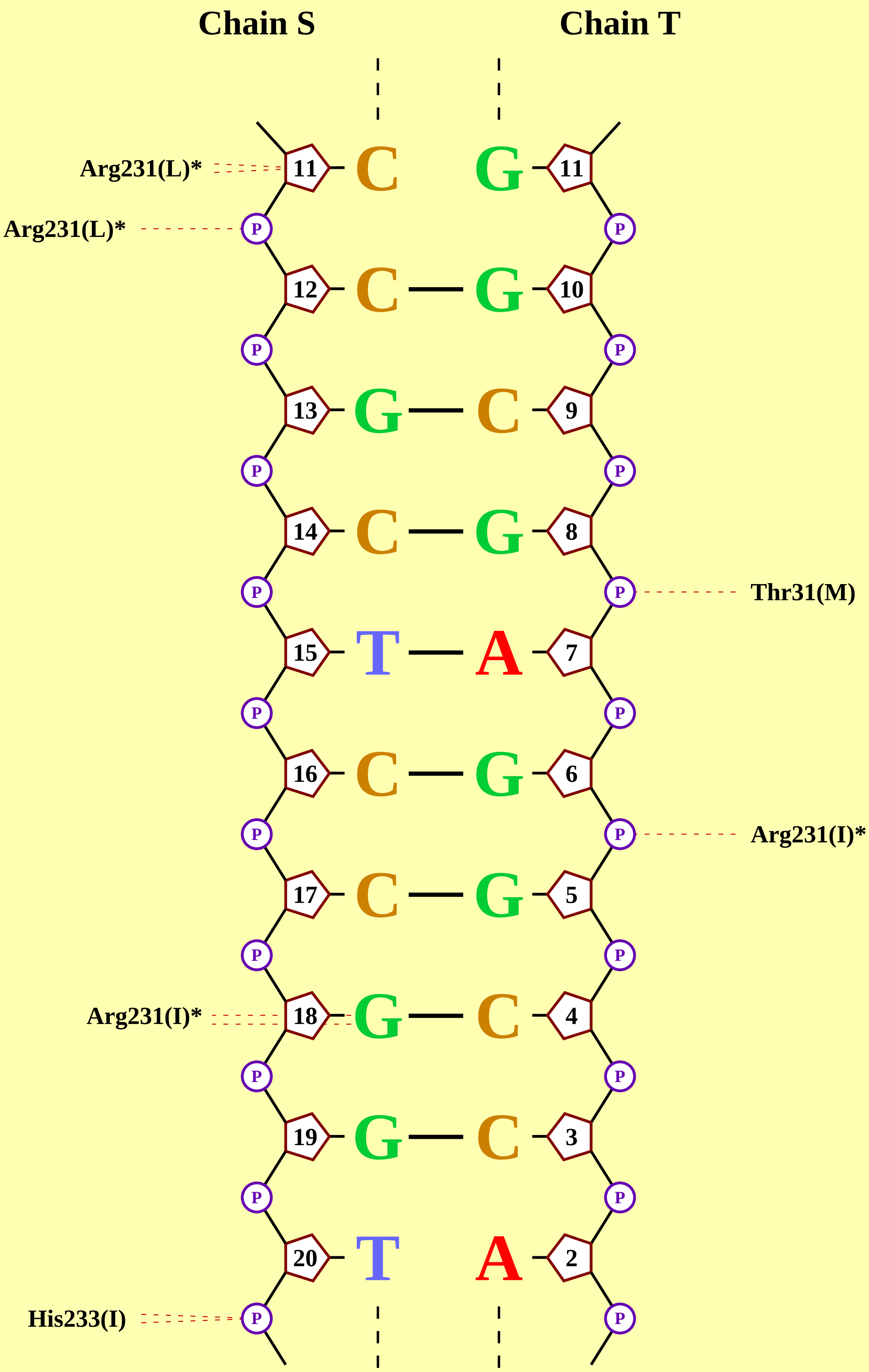
file



Key

3 Backbone sugar and base-number
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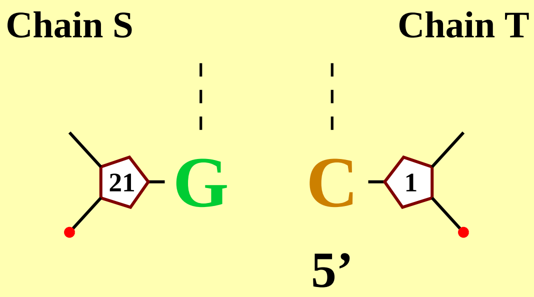
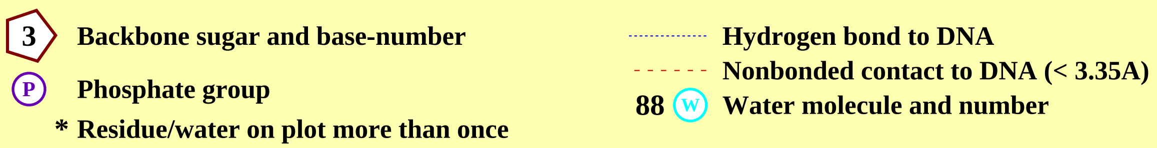
file


Chain S
Chain T
21
G
C
1
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