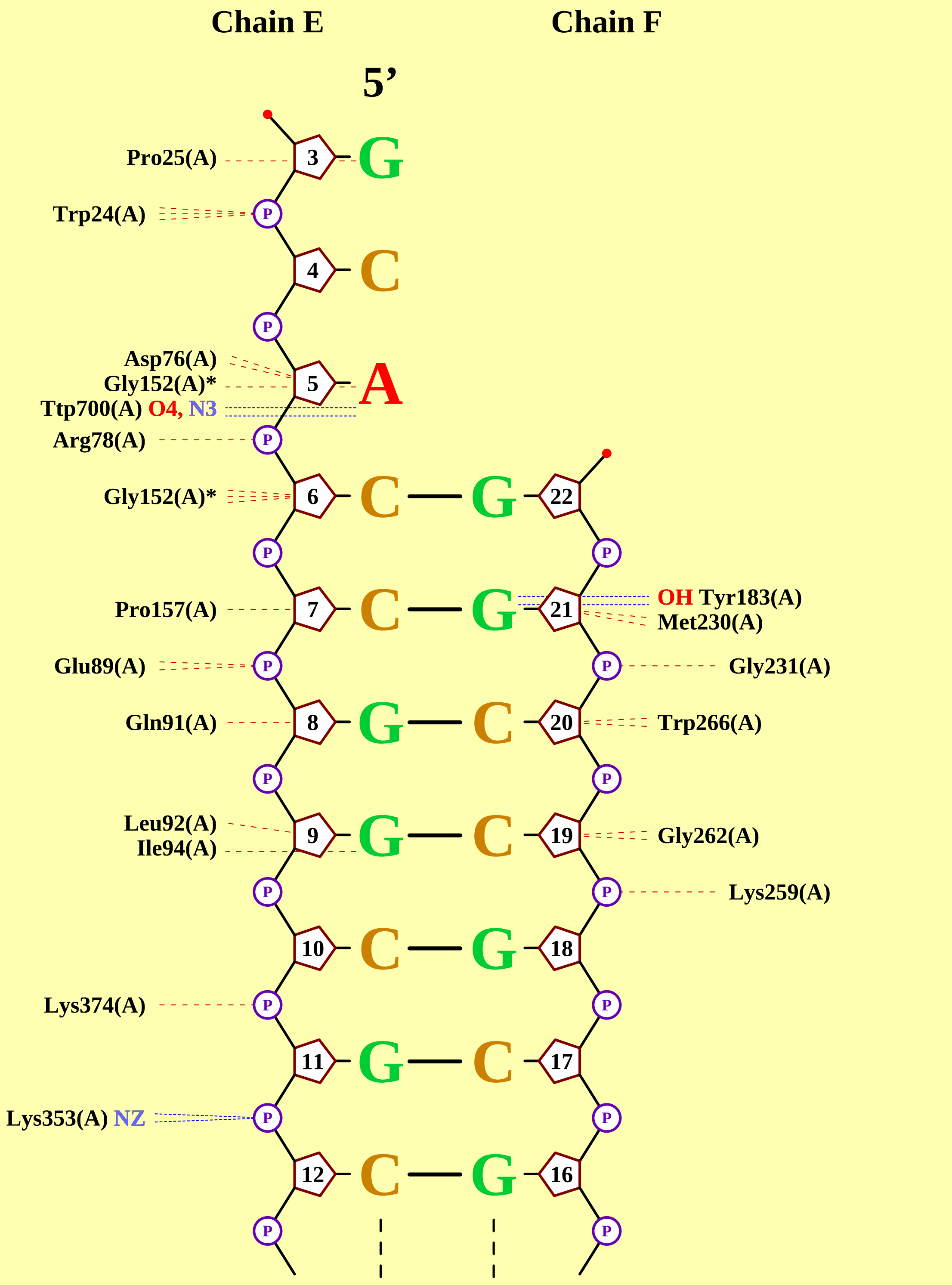
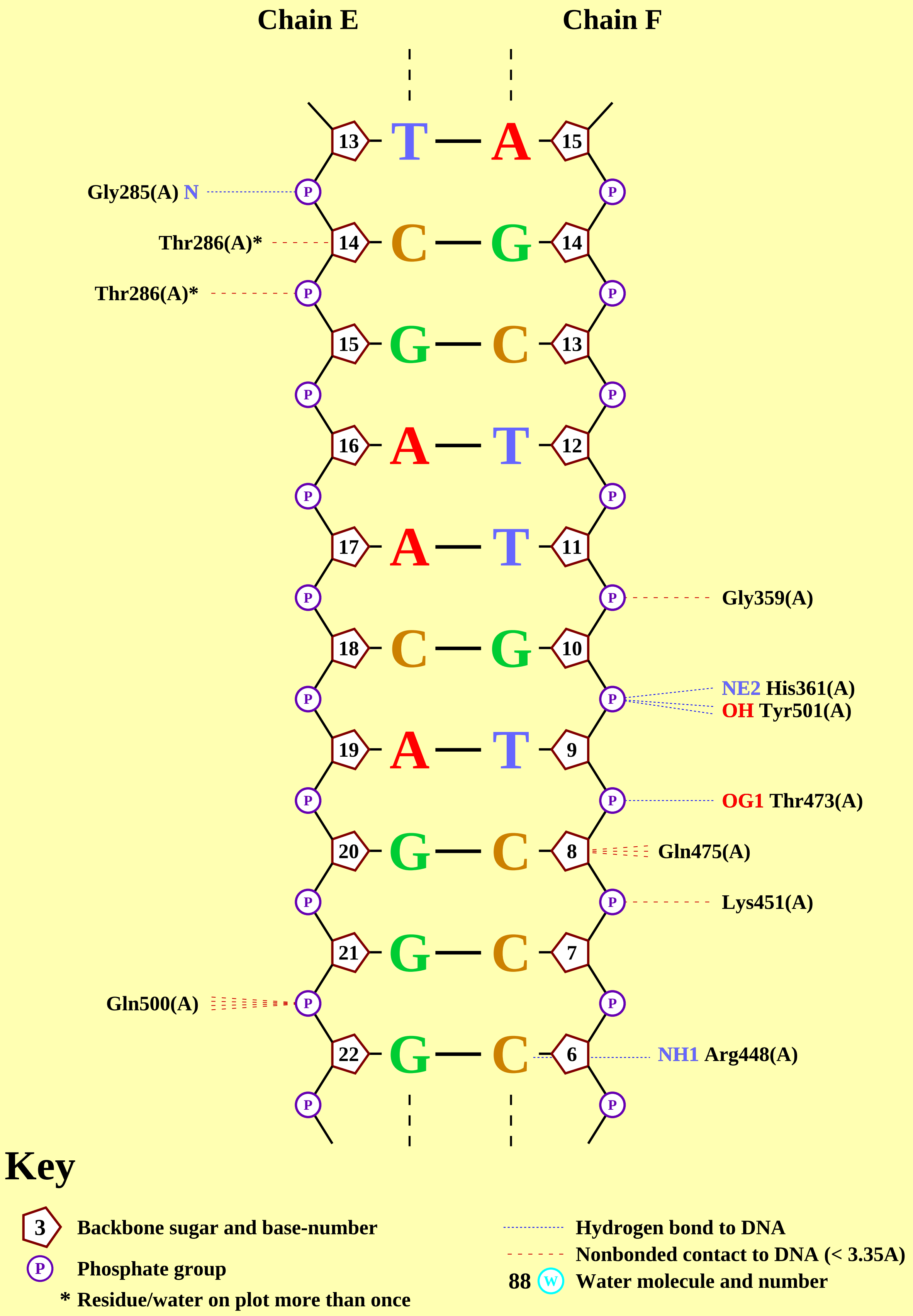


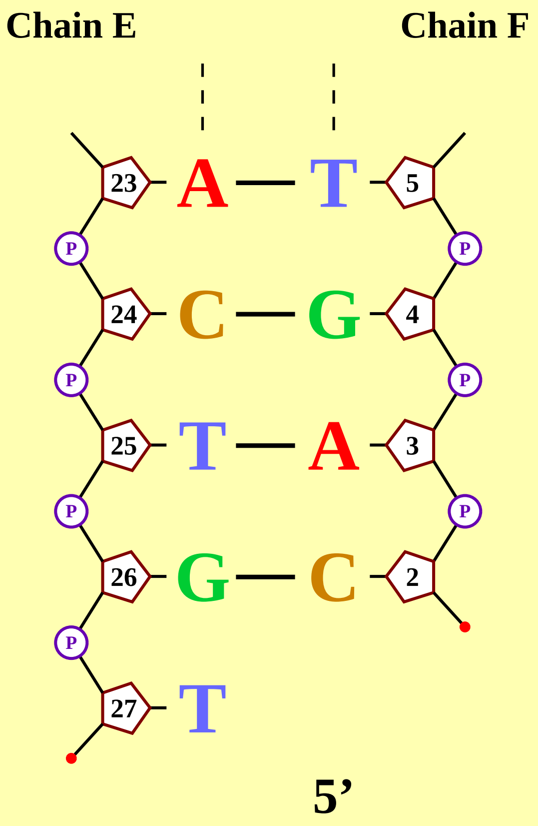
Key

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


Chain E
Chain F
13 T — A 15
Gly285(A) N
14 C — G 14
Thr286(A)*
Thr286(A)*
15 G — C 13
16 A — T 12
17 A — T 11
Gly359(A)
18 C — G 10
NE2 His361(A)
OH Tyr501(A)
19 A — T 9
OG1 Thr473(A)
20 G — C 8
Gln475(A)
Lys451(A)
21 G — C 7
Gln500(A)
22 G — C 6
NH1 Arg448(A)
P
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

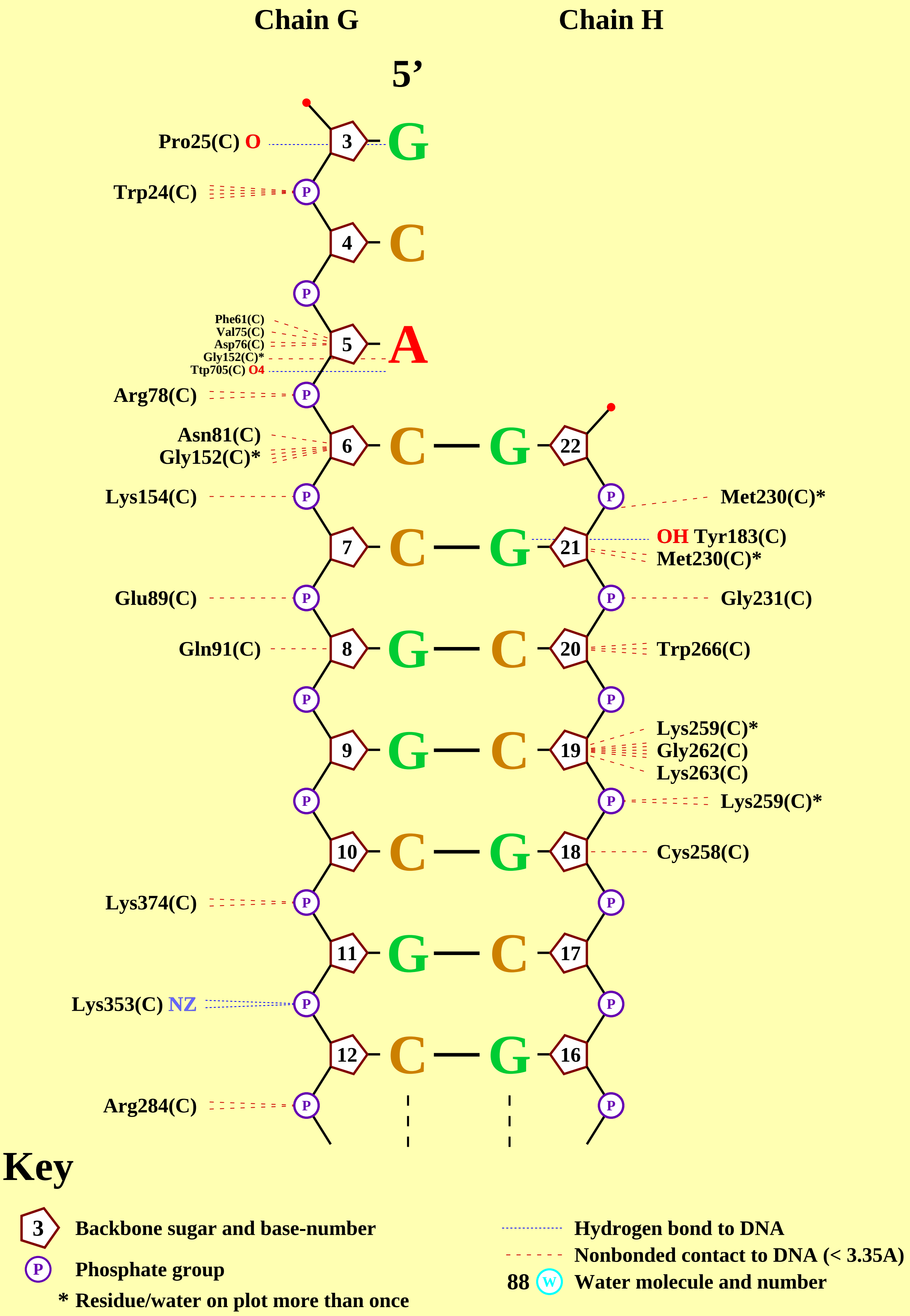
* Residue/water on plot more than once

······· Hydrogen bond to DNA

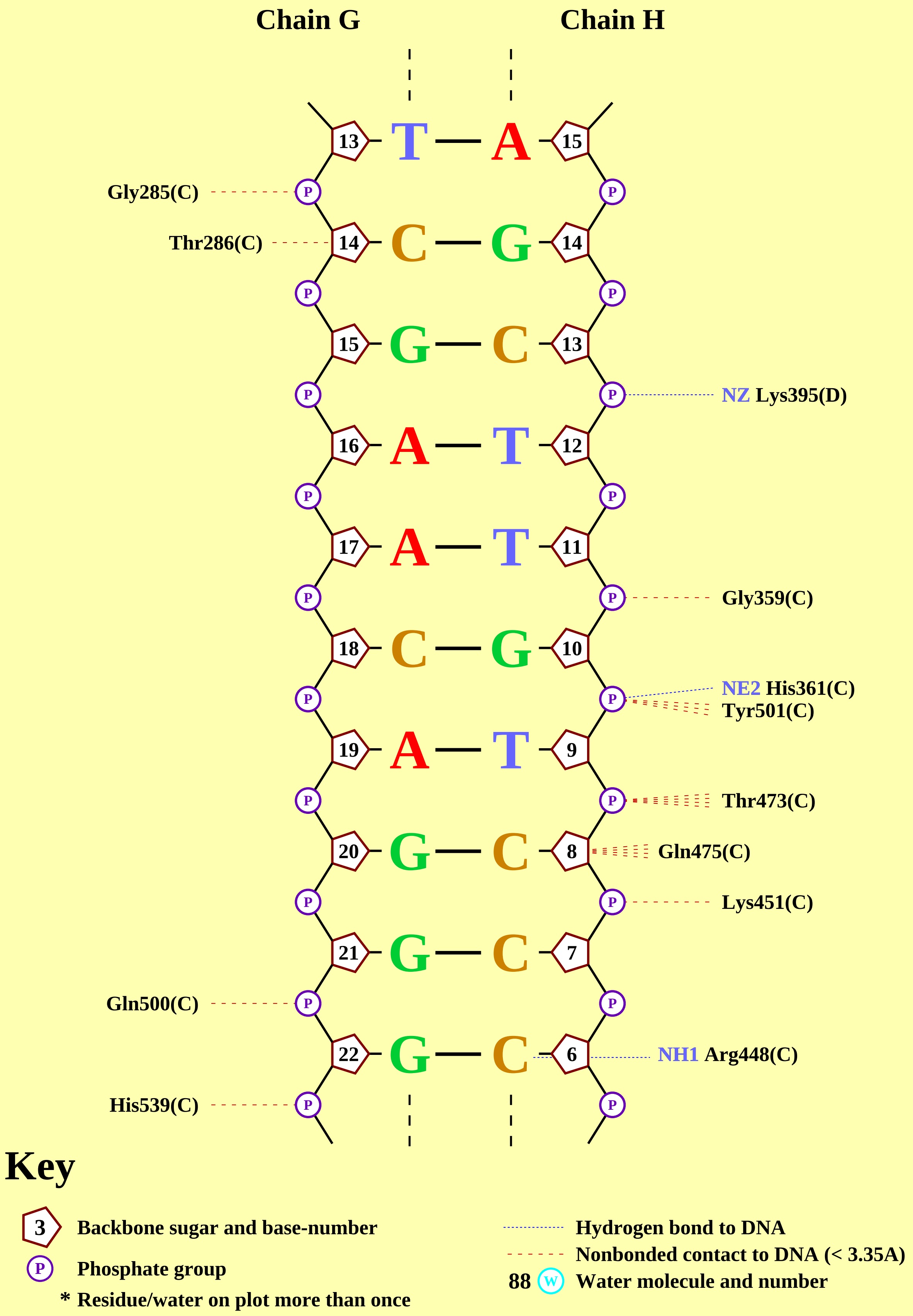
- - - - - - Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

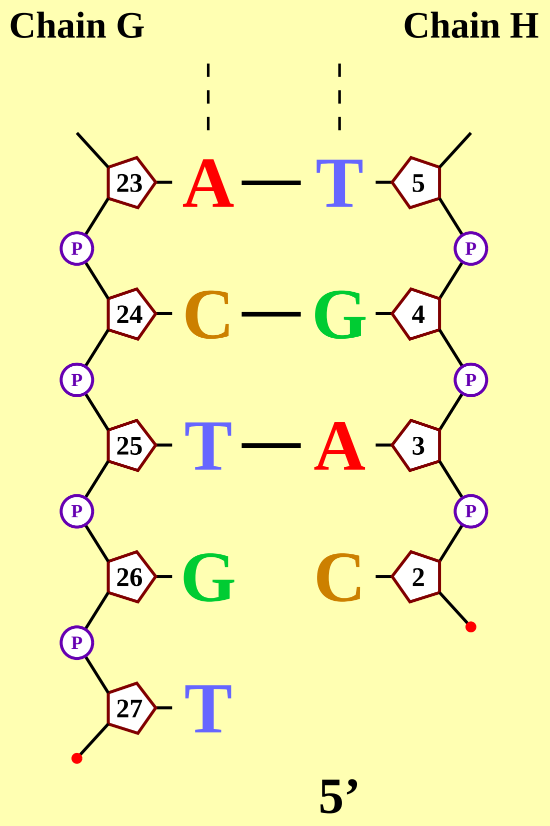
file


Chain G
Chain H
5’
Pro25(C) O
3
G
Trp24(C)
P
4
C
P
Phe61(C)
Val75(C)
Asp76(C)
Gly152(C)*
Ttp705(C) O4
5
A
Arg78(C)
P
Asn81(C)
Gly152(C)*
6
C
G
22
Lys154(C)
P
P
Met230(C)*
7
C
G
21
OH Tyr183(C)
Met230(C)*
Glu89(C)
P
P
Gly231(C)
Gln91(C)
8
G
C
20
Trp266(C)
P
P
9
G
C
19
Lys259(C)*
Gly262(C)
Lys263(C)
P
P
Lys259(C)*
10
C
G
18
Cys258(C)
Lys374(C)
P
P
11
G
C
17
Lys353(C) NZ
P
P
12
C
G
16
Arg284(C)
P
P
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 G
Chain H
13
T
A
15
Gly285(C)
P
P
Thr286(C)
14
C
G
14
P
P
15
G
C
13
P
P
NZ Lys395(D)
16
A
T
12
P
P
17
A
T
11
P
P
Gly359(C)
18
C
G
10
P
P
NE2 His361(C)
Tyr501(C)
19
A
T
9
P
P
Thr473(C)
20
G
C
8
Gln475(C)
P
P
Lys451(C)
21
G
C
7
Gln500(C)
P
P
22
G
C
6
NH1 Arg448(C)
His539(C)
P
P
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)

88 W Water molecule and number

file