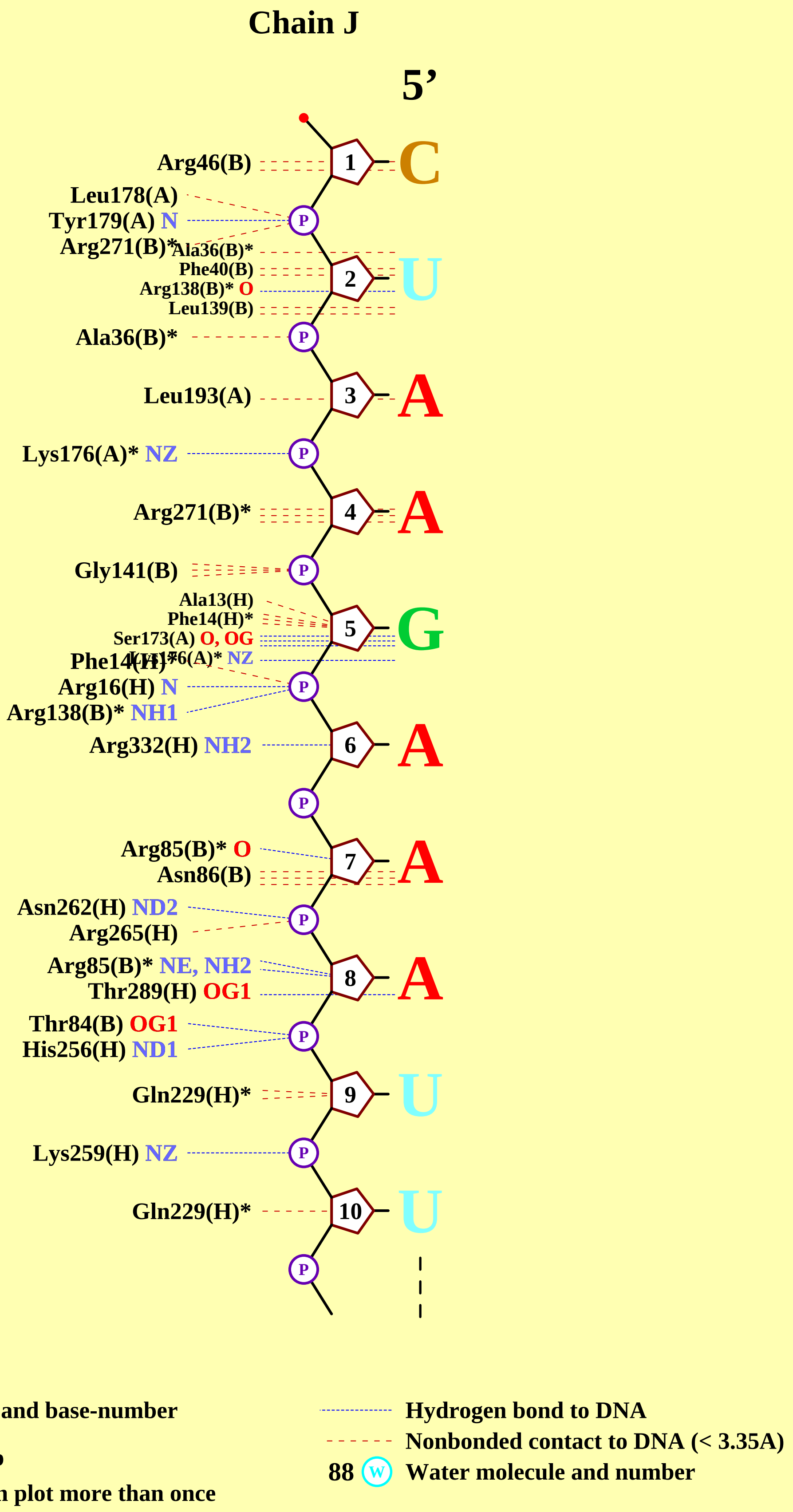
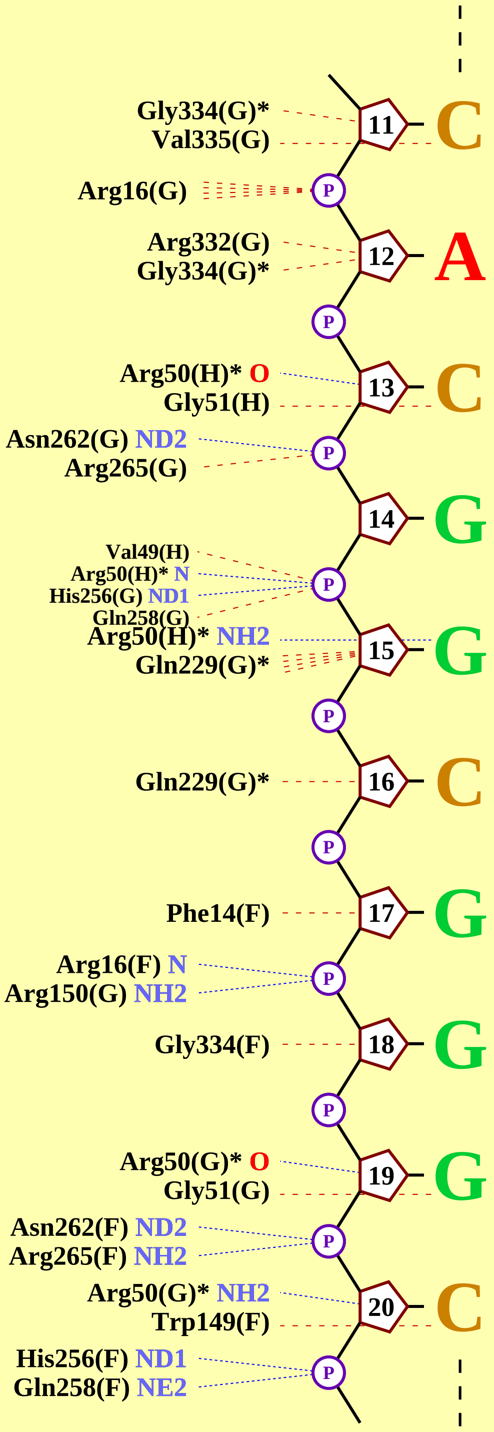

Chain J
5'
Arg46(B)
1
C
Leu178(A)
Tyr179(A) N
P
Arg271(B)*
Ala36(B)*
Phe40(B)
Arg138(B)* O
Leu139(B)
2
U
Ala36(B)*
P
Leu193(A)
3
A
Lys176(A)* NZ
P
Arg271(B)*
4
A
Gly141(B)
P
Ala13(H)
Phe14(H)*
Ser173(A) O, OG
Phe14(H)*
Lys176(A)* NZ
5
G
Arg16(H) N
Arg138(B)* NH1
P
Arg332(H) NH2
6
A
P
Arg85(B)* O
Asn86(B)
7
A
Asn262(H) ND2
Arg265(H)
P
Arg85(B)* NE, NH2
Thr289(H) OG1
8
A
Thr84(B) OG1
His256(H) ND1
P
Gln229(H)*
9
U
Lys259(H) NZ
P
Gln229(H)*
10
U
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 J

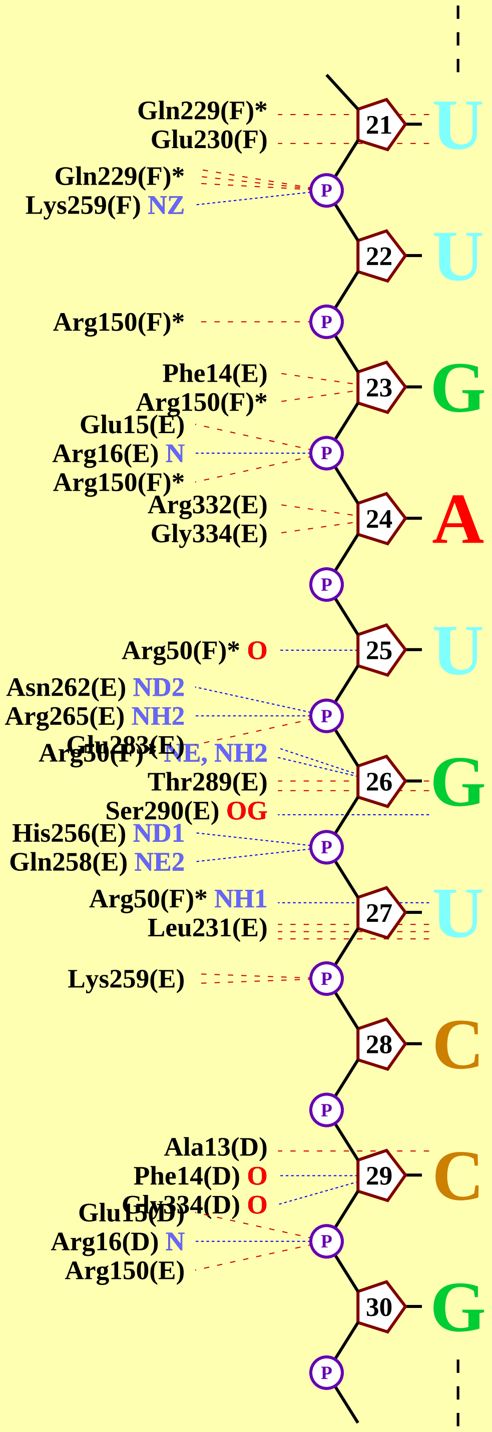


Key

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

Chain J



Key

3 Backbone sugar and base-number

Ⓟ Phosphate group

* Residue/water on plot more than once

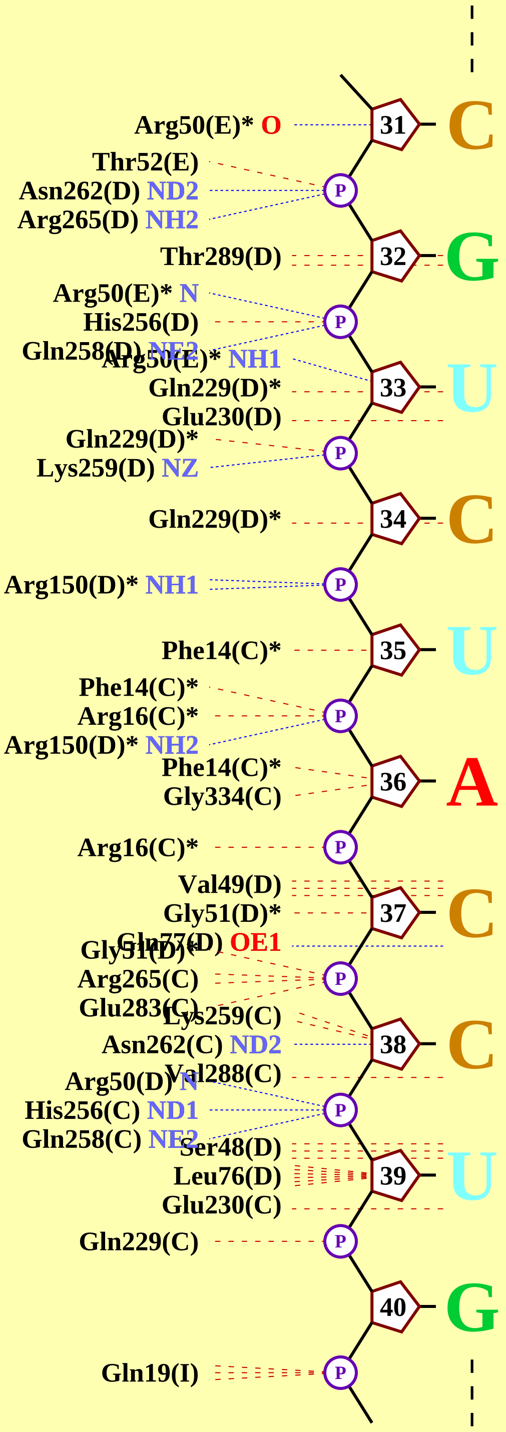
┈ Hydrogen bond to DNA

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

88 Ⓦ Water molecule and number

file

Chain J



Key

3 Backbone sugar and base-number

P Phosphate group

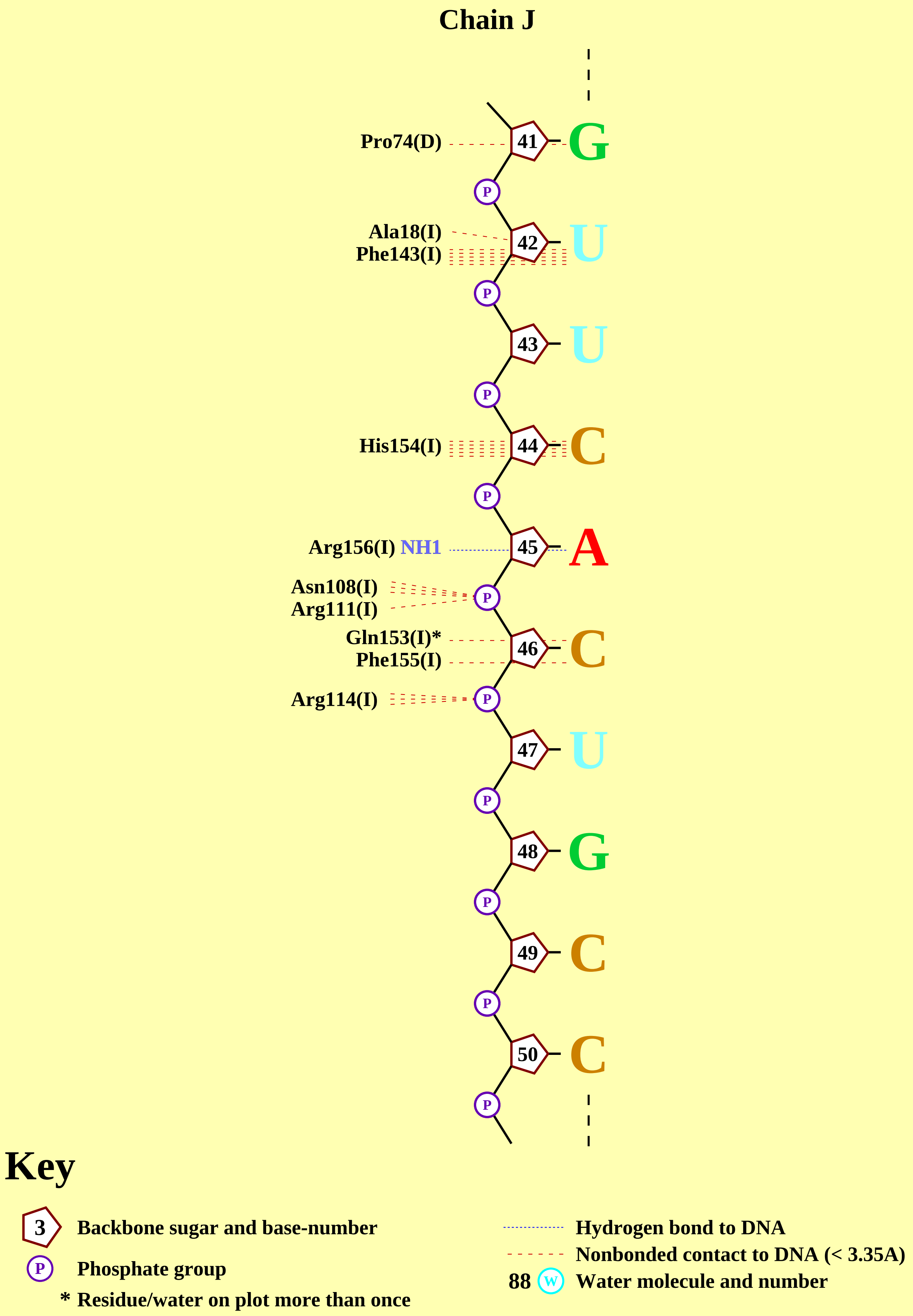
* Residue/water on plot more than once

Hydrogen bond to DNA

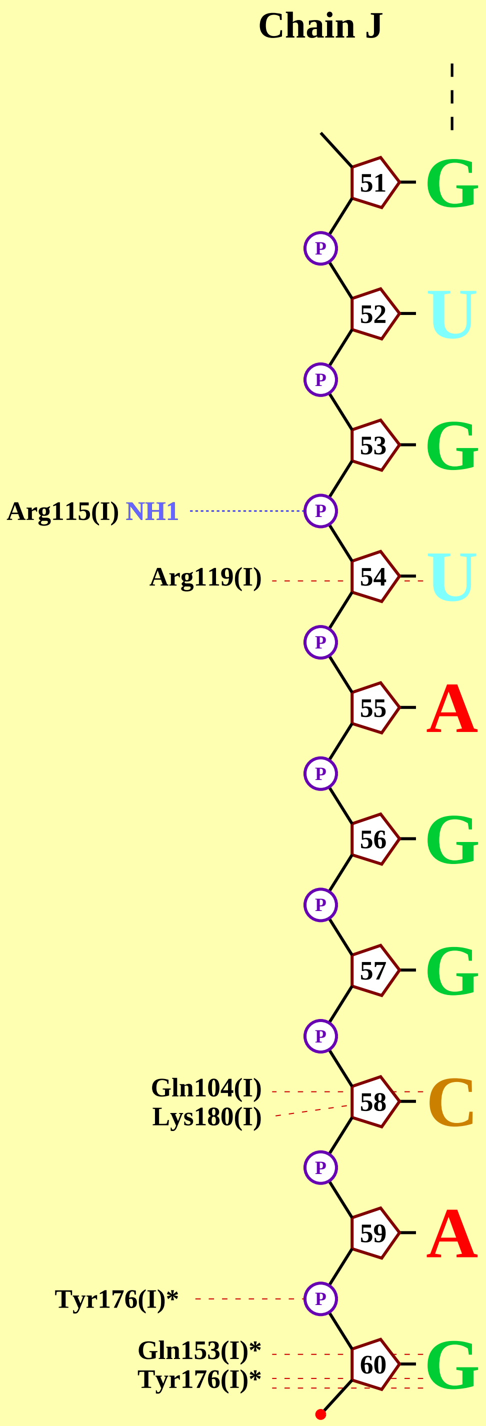
Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

file


Chain J
Pro74(D)
41
G
P
Ala18(I)
Phe143(I)
42
U
P
43
U
P
His154(I)
44
C
P
Arg156(I) NH1
45
A
Asn108(I)
Arg111(I)
P
Gln153(I)*
Phe155(I)
46
C
Arg114(I)
P
47
U
P
48
G
P
49
C
P
50
C
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

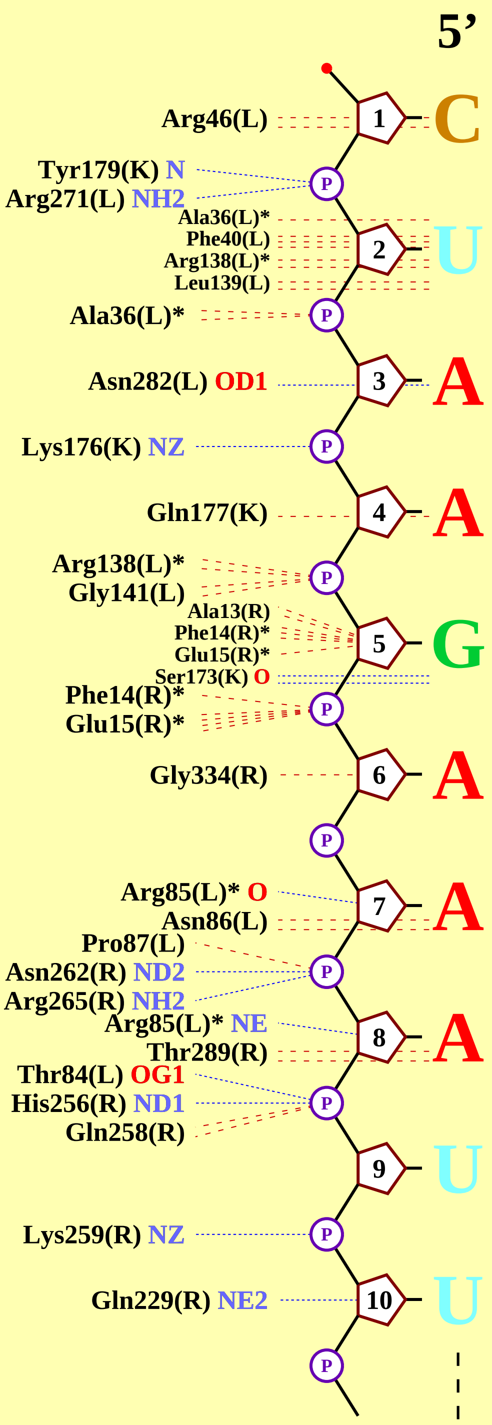


Key

3	Backbone sugar and base-number
Ⓟ	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

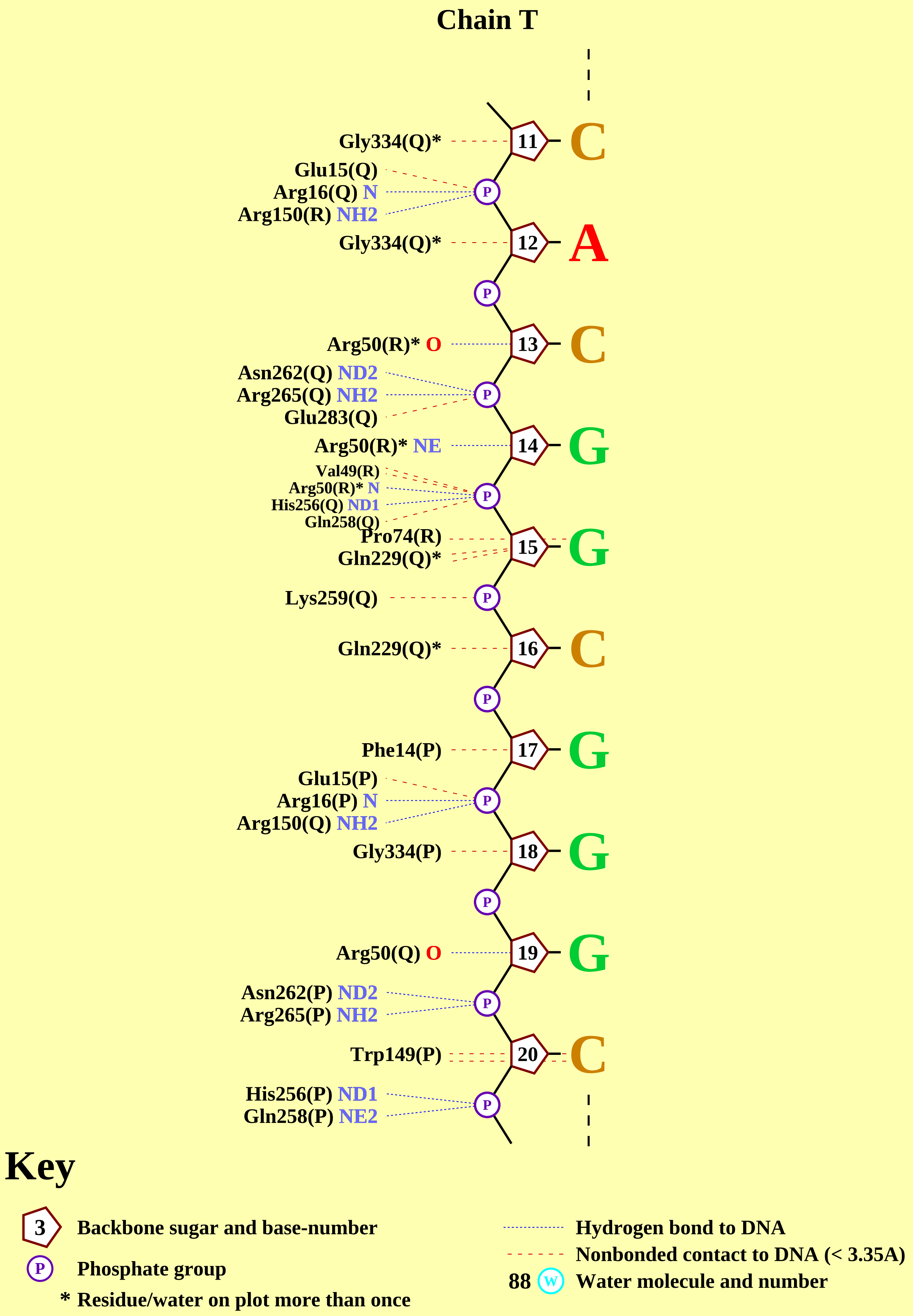
Chain T



Key

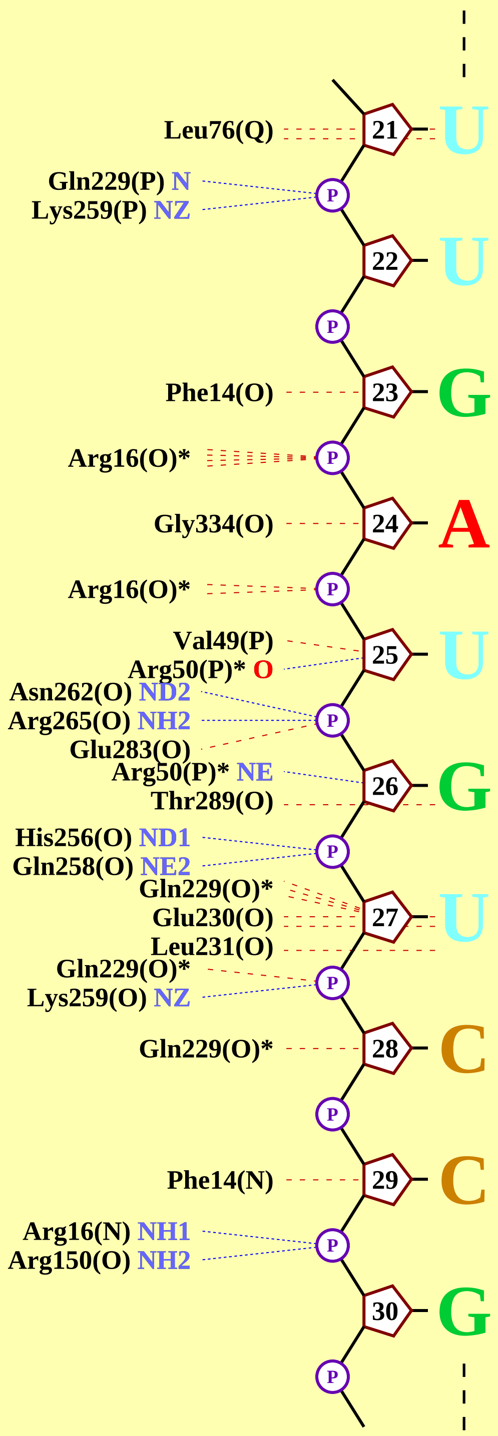
3	Backbone sugar and base-number	········	Hydrogen bond to DNA
Ⓟ	Phosphate group	- - - -	Nonbonded contact to DNA (< 3.35A)
*	Residue/water on plot more than once	88 Ⓦ	Water molecule and number

file


Chain T
Gly334(Q)*
11
C
Glu15(Q)
Arg16(Q) N
Arg150(R) NH2
P
Gly334(Q)*
12
A
P
Arg50(R)* O
13
C
Asn262(Q) ND2
Arg265(Q) NH2
Glu283(Q)
P
Arg50(R)* NE
14
G
Val49(R)
Arg50(R)* N
His256(Q) ND1
Gln258(Q)
P
Pro74(R)
Gln229(Q)*
15
G
Lys259(Q)
P
Gln229(Q)*
16
C
P
Phe14(P)
17
G
Glu15(P)
Arg16(P) N
Arg150(Q) NH2
P
Gly334(P)
18
G
P
Arg50(Q) O
19
G
Asn262(P) ND2
Arg265(P) NH2
P
Trp149(P)
20
C
His256(P) ND1
Gln258(P) NE2
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 T



Key

⬠ 3 Backbone sugar and base-number

Ⓟ Phosphate group

* Residue/water on plot more than once

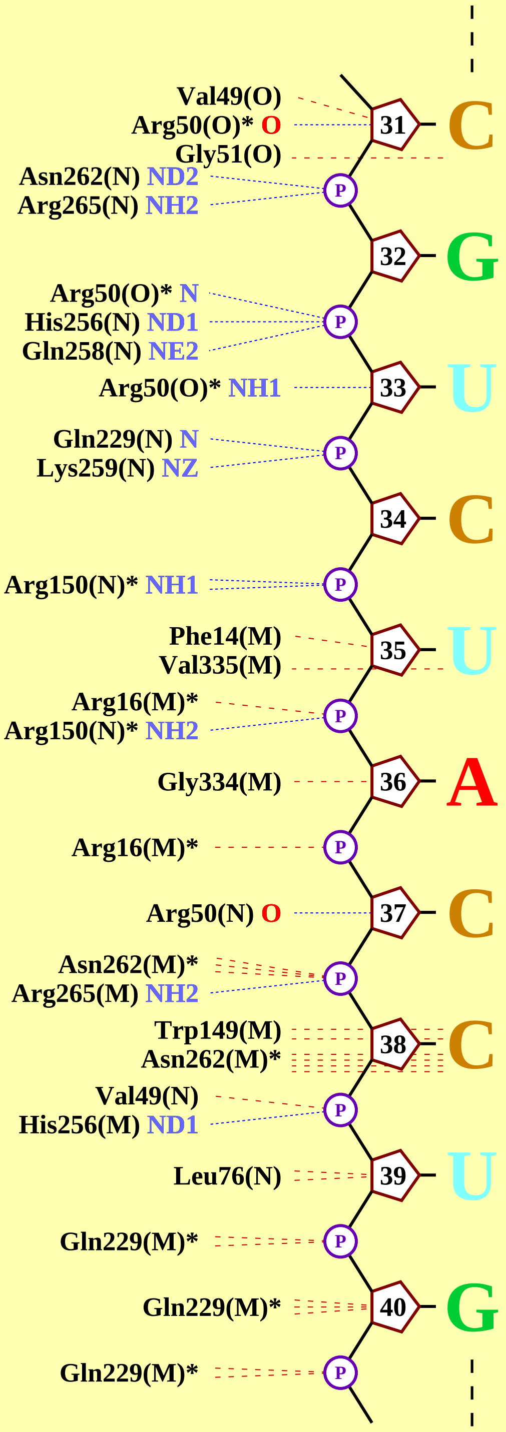
······ Hydrogen bond to DNA

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

88 Ⓦ Water molecule and number

file

Chain T



Key

3 Backbone sugar and base-number

P Phosphate group

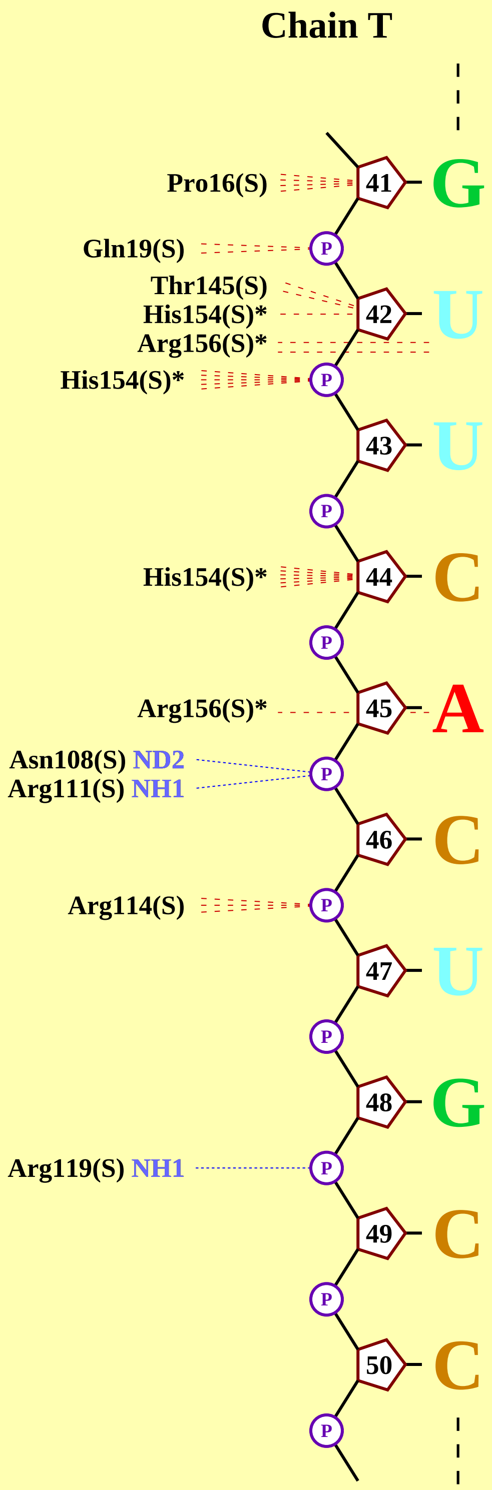
* Residue/water on plot more than once

········ 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

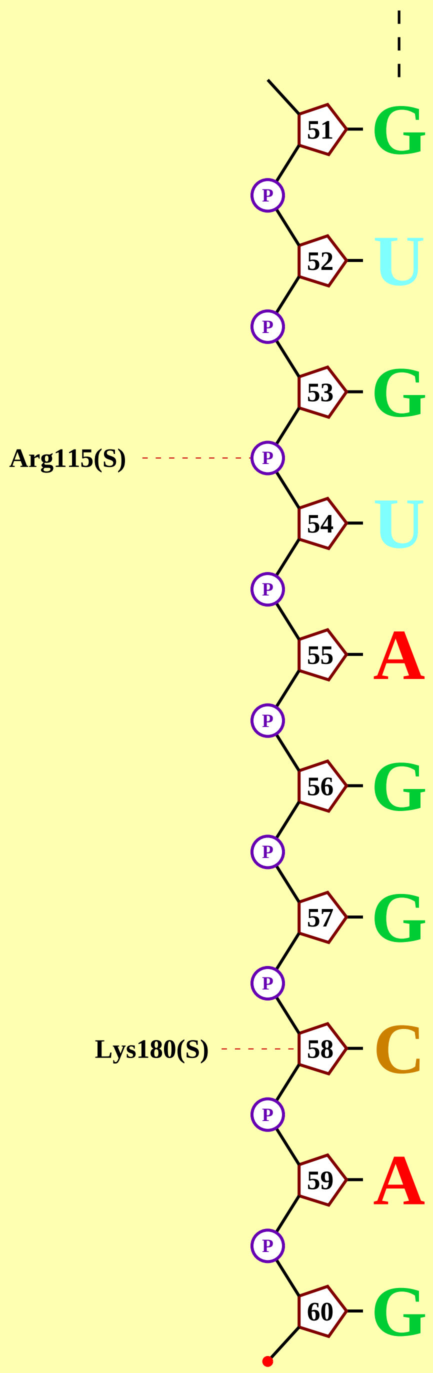
······ Hydrogen bond to DNA

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

88 Ⓦ Water molecule and number

file

Chain T



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