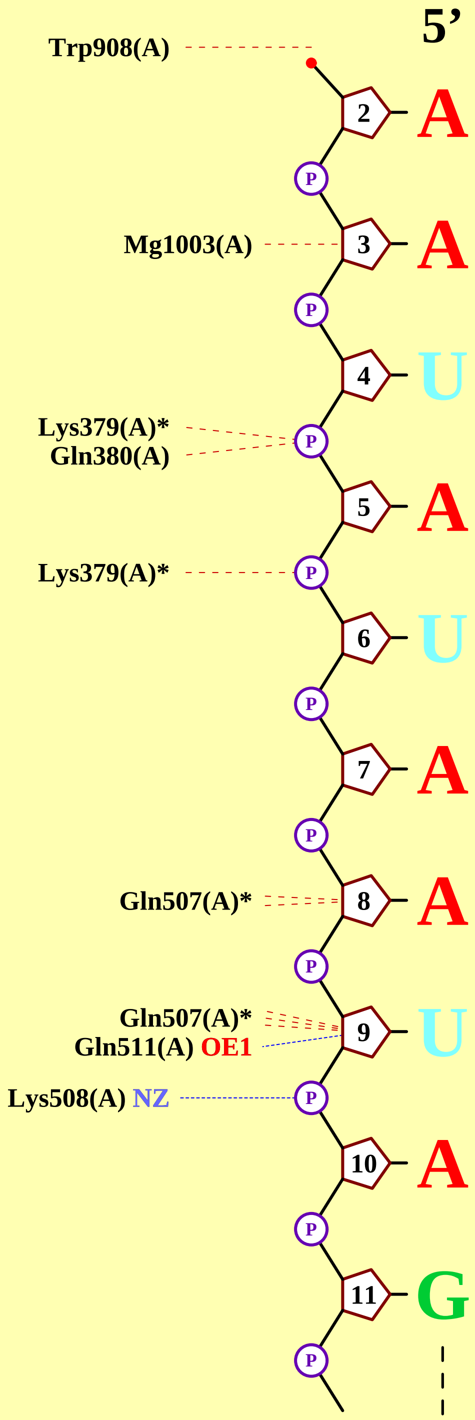
Chain B



Key

3 Backbone sugar and base-number

P Phosphate group

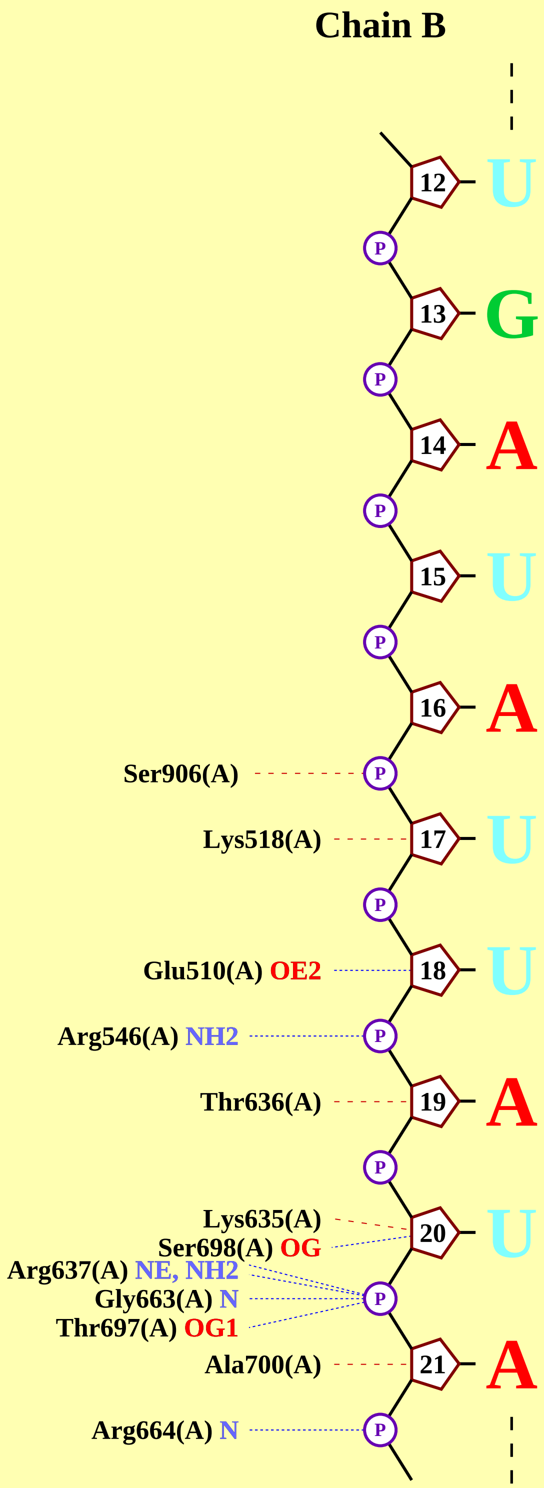
* Residue/water on plot more than once

Hydrogen bond to DNA

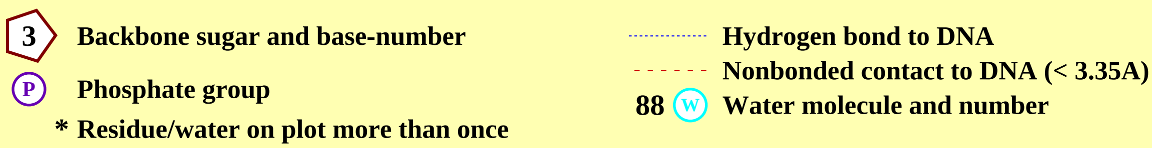
Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

file

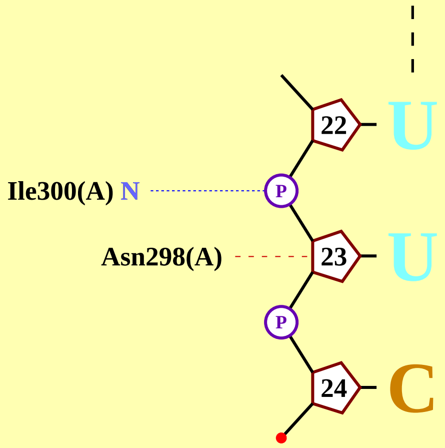

Chain B
12
U
P
13
G
P
14
A
P
15
U
P
16
A
Ser906(A)
P
Lys518(A)
17
U
P
Glu510(A) OE2
18
U
Arg546(A) NH2
P
Thr636(A)
19
A
P
Lys635(A)
Ser698(A) OG
20
U
Arg637(A) NE, NH2
Gly663(A) N
Thr697(A) OG1
P
Ala700(A)
21
A
Arg664(A) N
P

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 B



Key

3 Backbone sugar and base-number

P Phosphate group

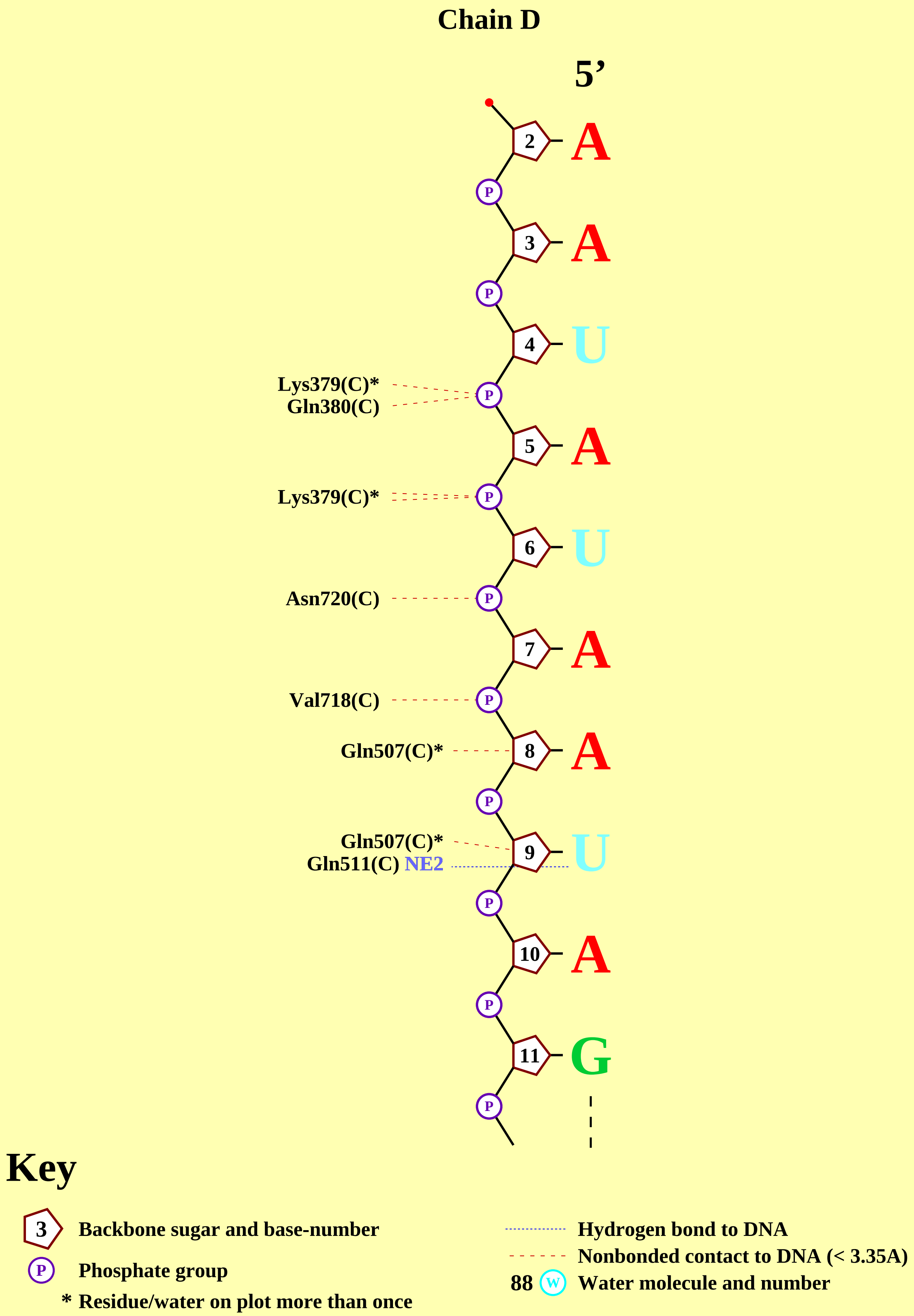
* Residue/water on plot more than once

Hydrogen bond to DNA

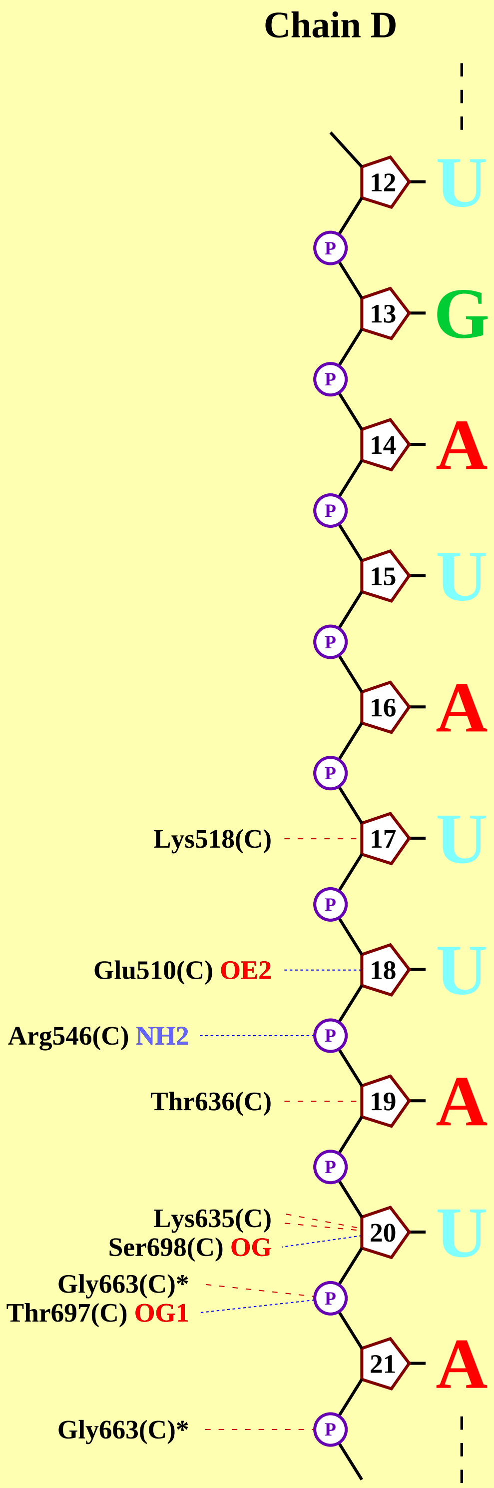
Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

file


Chain D
5'
2 A
3 A
4 U
Lys379(C)*
Gln380(C)
5 A
Lys379(C)*
6 U
Asn720(C)
7 A
Val718(C)
8 A
Gln507(C)*
Gln507(C)*
Gln511(C) NE2
9 U
10 A
11 G
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

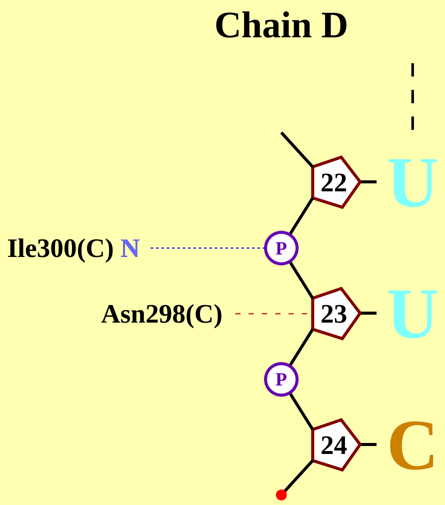
* Residue/water on plot more than once

Hydrogen bond to DNA

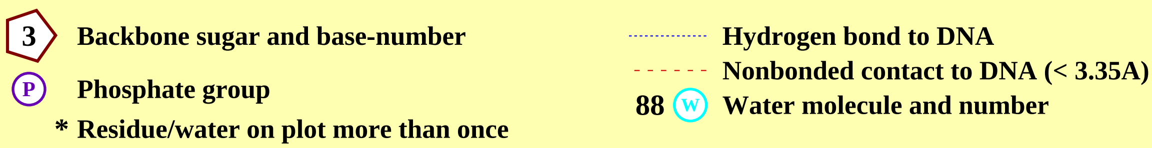
Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

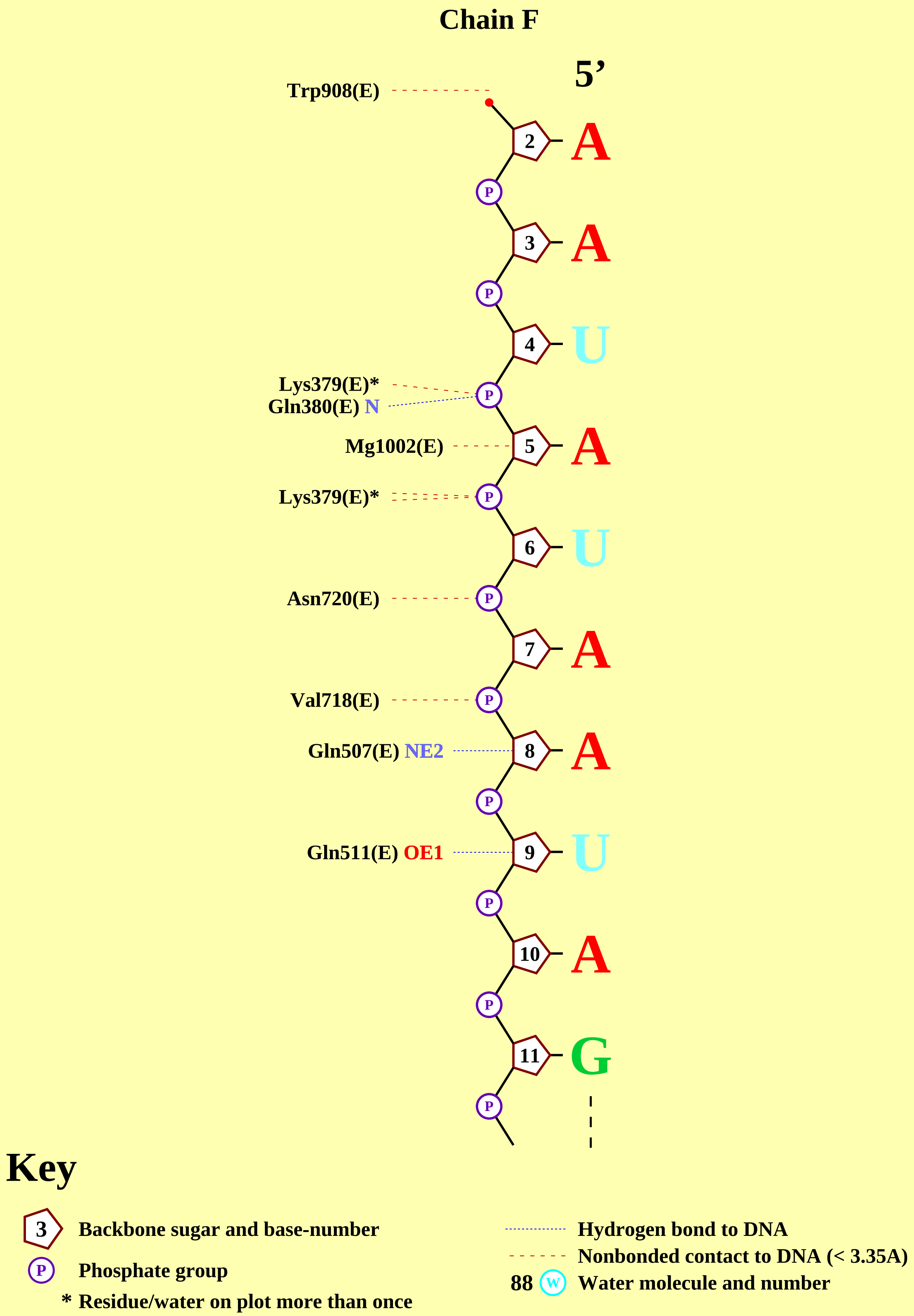
file


Chain D
22
U
Ile300(C) N
P
Asn298(C)
23
U
P
24
C

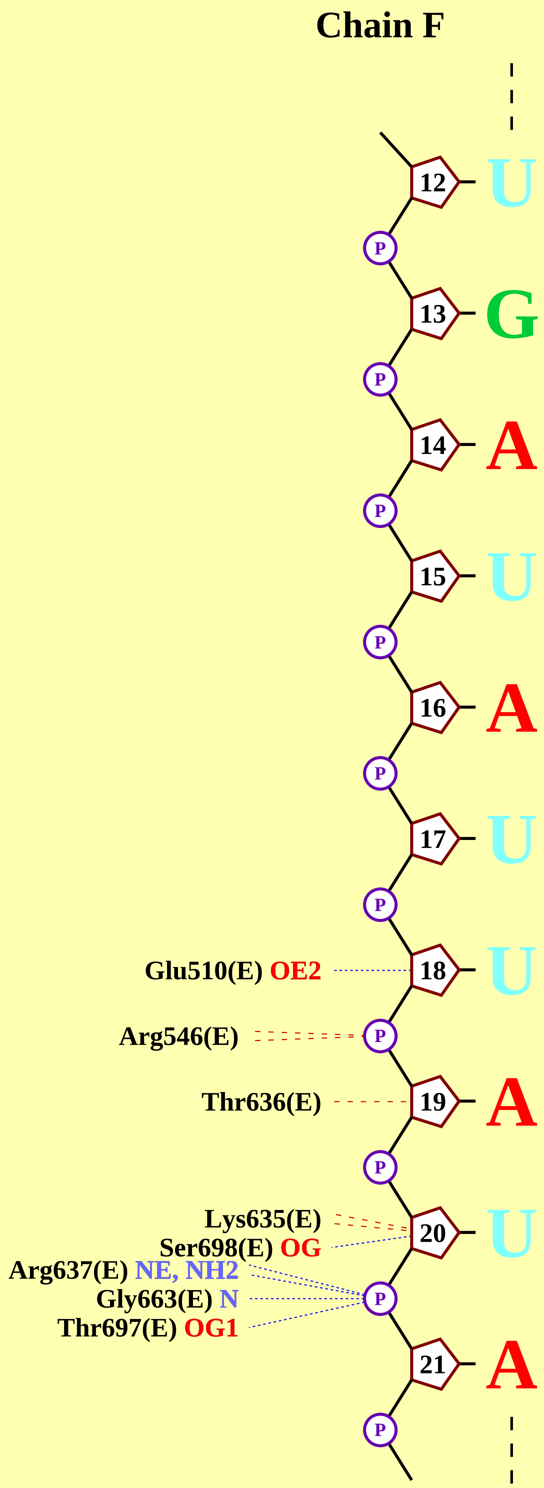
Key


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

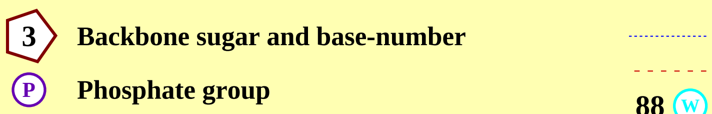
file


Chain F
5’
Trp908(E)
2
A
P
3
A
P
4
U
Lys379(E)*
Gln380(E) N
P
Mg1002(E)
5
A
Lys379(E)*
P
6
U
Asn720(E)
P
7
A
Val718(E)
P
Gln507(E) NE2
8
A
P
Gln511(E) OE1
9
U
P
10
A
P
11
G
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



Backbone sugar and base-number

Phosphate group

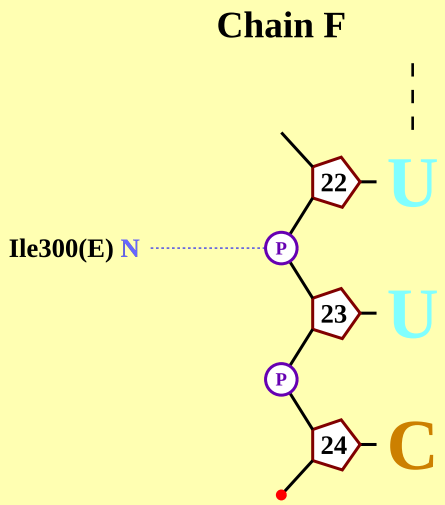
* Residue/water on plot more than once

Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

Water molecule and number

file



Key

3 Backbone sugar and base-number

P Phosphate group

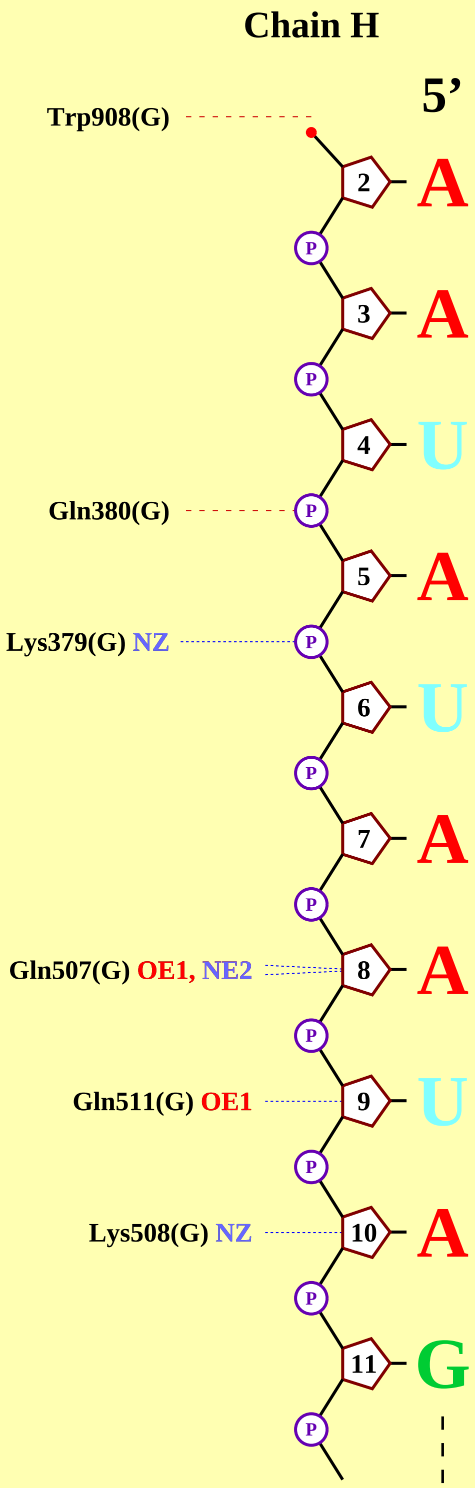
* Residue/water on plot more than once

Hydrogen bond to DNA

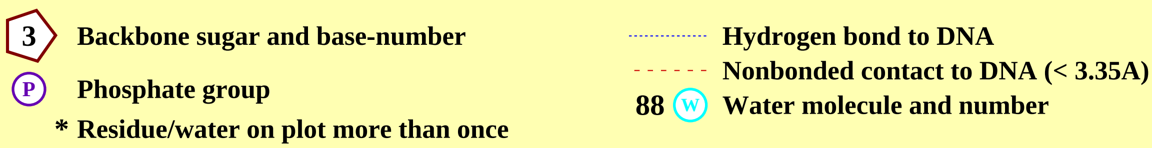
Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

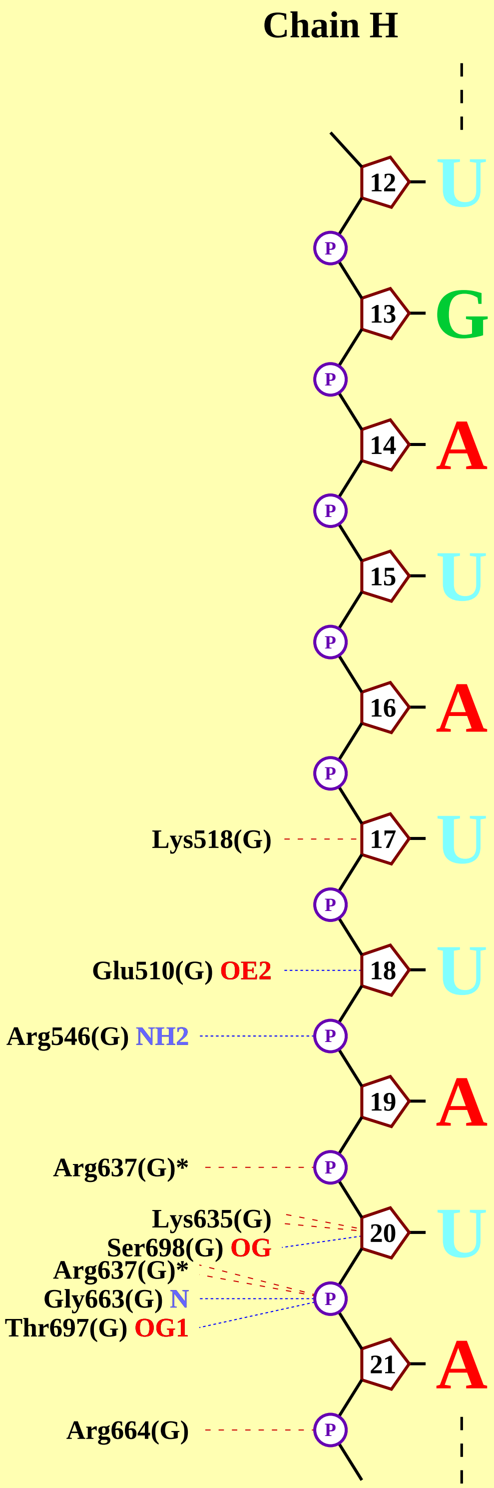
file


Chain H
5'
Trp908(G)
2 A
3 A
4 U
Gln380(G)
5 A
Lys379(G) NZ
6 U
7 A
Gln507(G) OE1, NE2
8 A
Gln511(G) OE1
9 U
Lys508(G) NZ
10 A
11 G
P

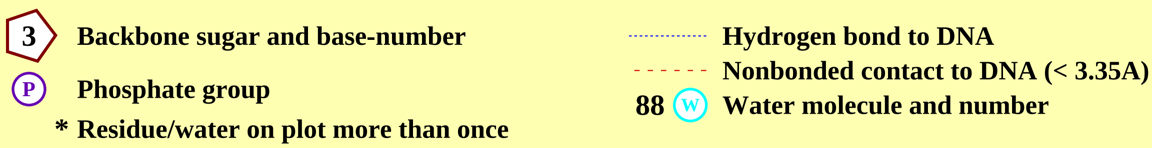
Key


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

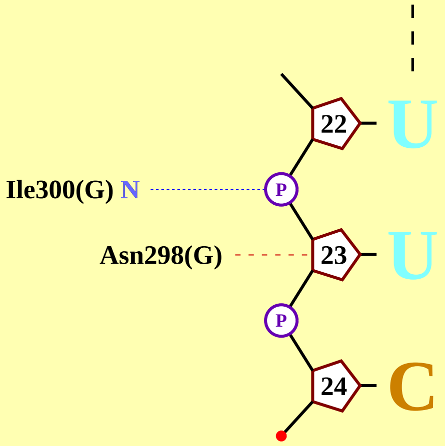

Chain H
12
U
P
13
G
P
14
A
P
15
U
P
16
A
P
Lys518(G)
17
U
P
Glu510(G) OE2
18
U
Arg546(G) NH2
P
19
A
Arg637(G)*
P
Lys635(G)
Ser698(G) OG
20
U
Arg637(G)*
Gly663(G) N
Thr697(G) OG1
P
21
A
Arg664(G)
P

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 H



Key

3 Backbone sugar and base-number

P Phosphate group

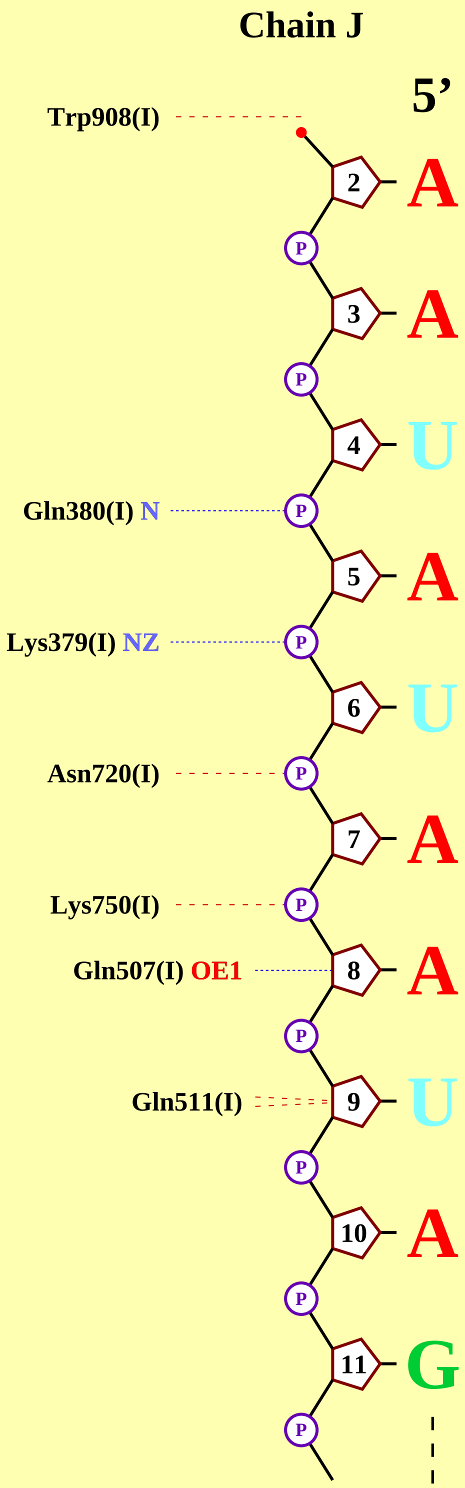
* Residue/water on plot more than once

Hydrogen bond to DNA

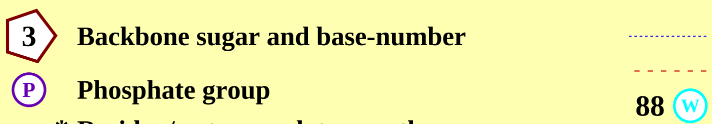
Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

file



Key



Backbone sugar and base-number

Phosphate group

* Residue/water on plot more than once

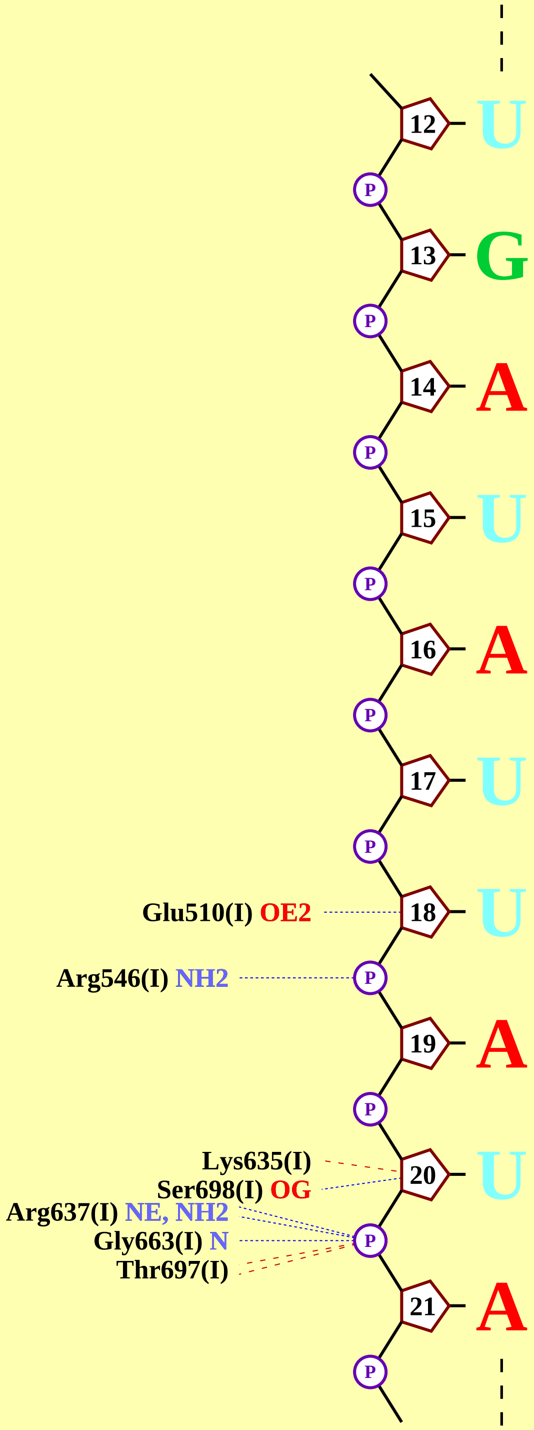
Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

Water molecule and number

file

Chain J



Key

3 Backbone sugar and base-number

P Phosphate group

* Residue/water on plot more than once

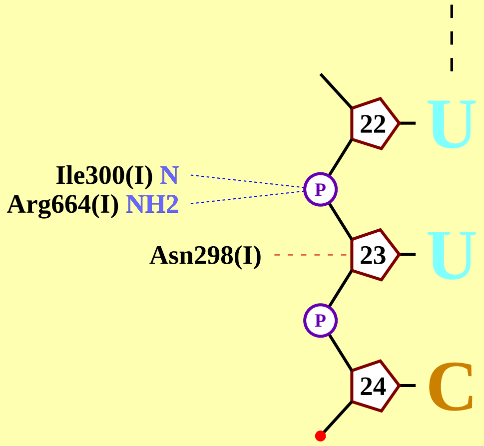
Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

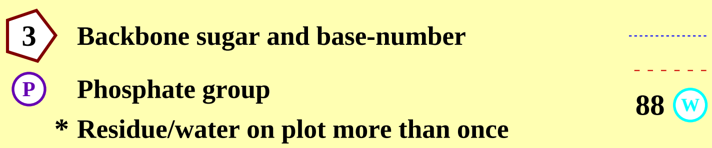
88 W Water molecule and number

file

Chain J



Key



Backbone sugar and base-number

Phosphate group

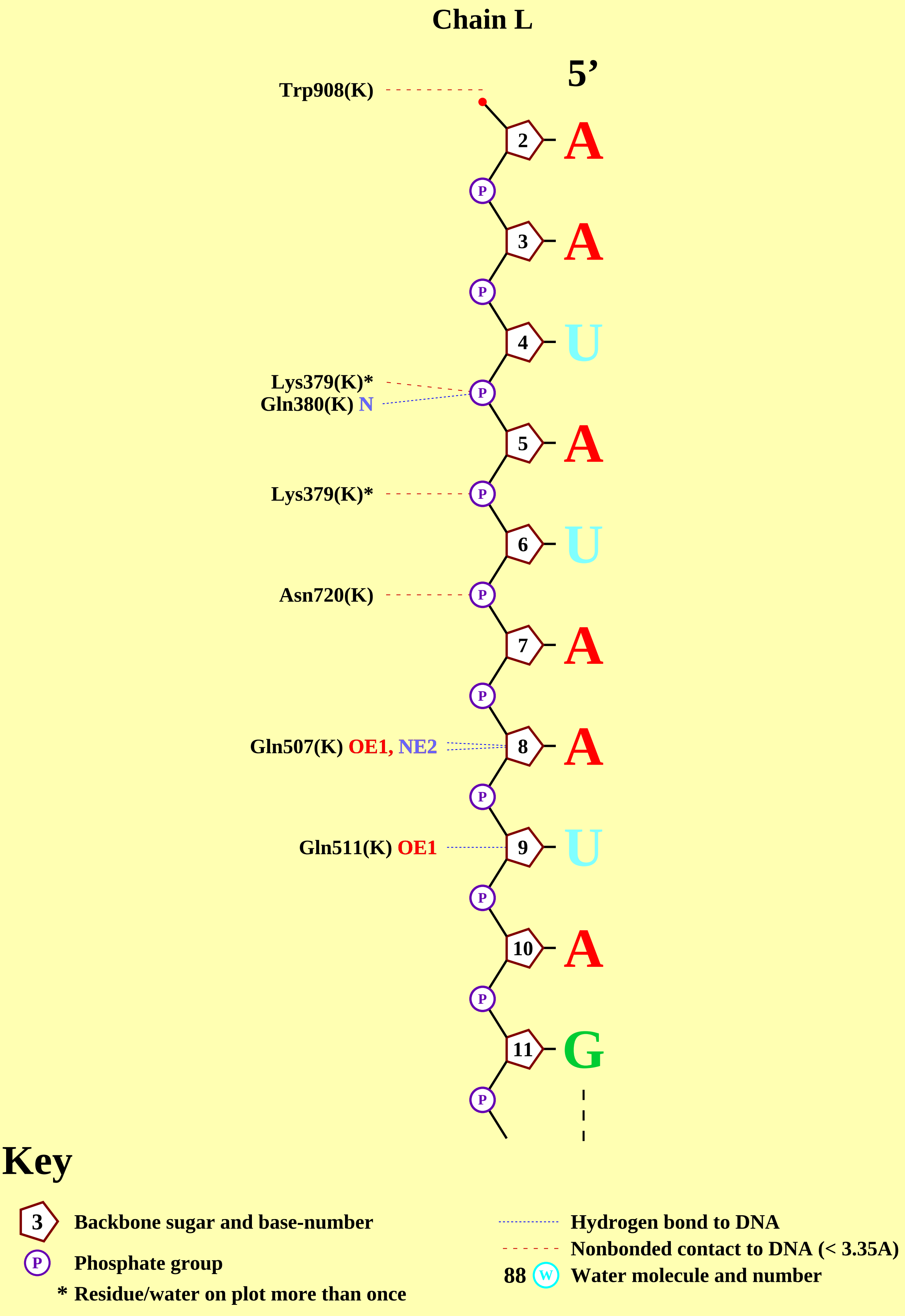
* Residue/water on plot more than once

Hydrogen bond to DNA

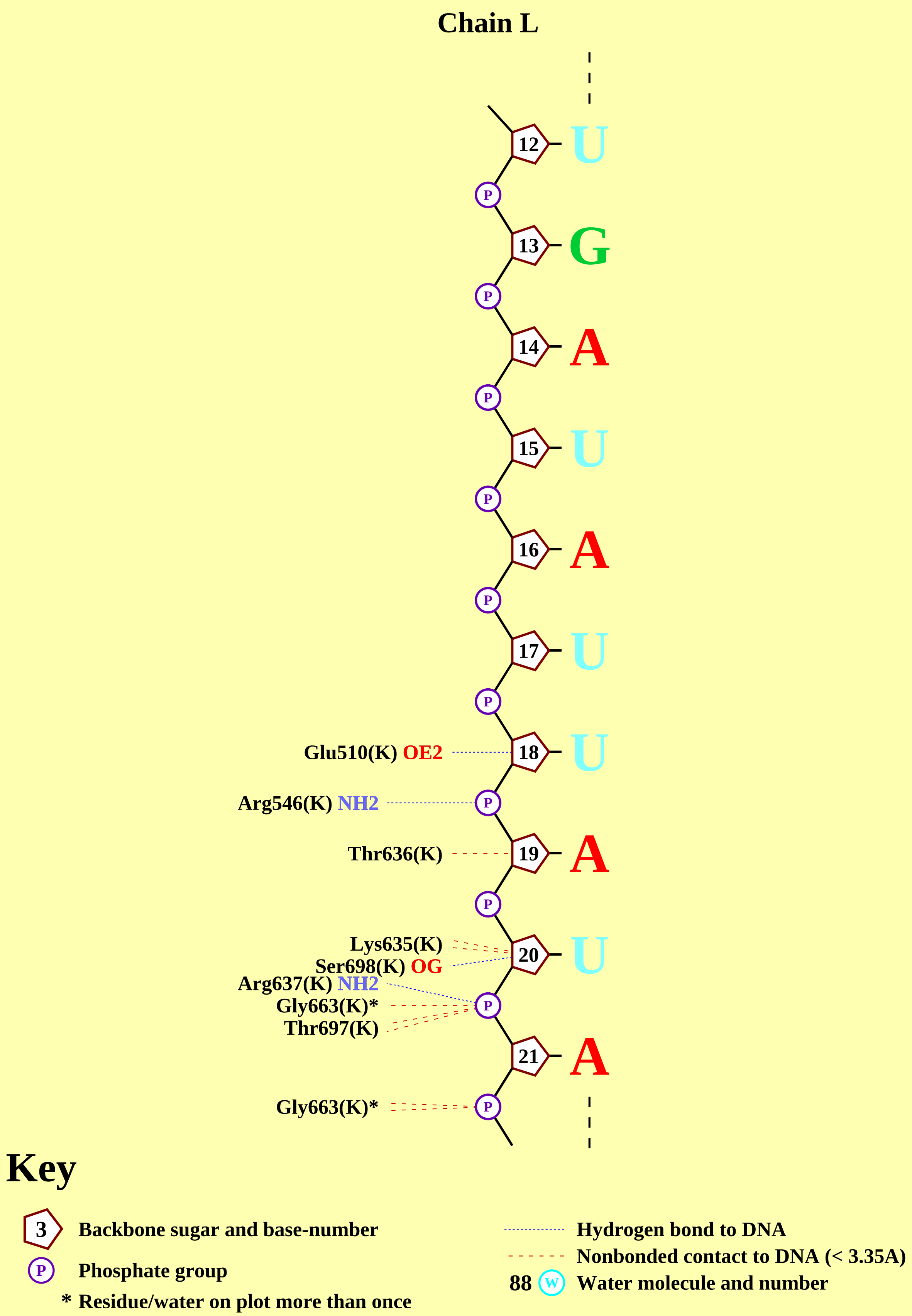
Nonbonded contact to DNA (< 3.35A)

Water molecule and number

file

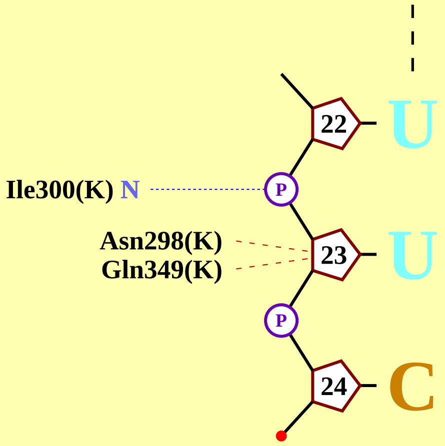

Chain L
5'
Trp908(K)
2 A
P
3 A
P
4 U
Lys379(K)*
Gln380(K) N
P
5 A
Lys379(K)*
P
6 U
Asn720(K)
P
7 A
P
Gln507(K) OE1, NE2
8 A
P
Gln511(K) OE1
9 U
P
10 A
P
11 G
P
Key
3 Backbone sugar and base-number
P Phosphate group
* Residue/water on plot more than once
Hydrogen bond to DNA
Nonbonded contact to DNA (< 3.35A)
88 W Water molecule and number

file

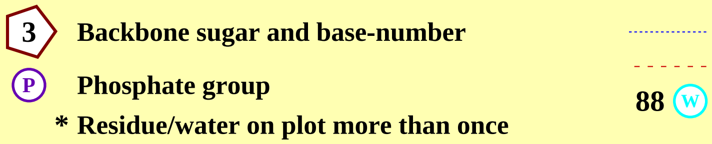

Chain L
12 U
13 G
14 A
15 U
16 A
17 U
18 U
19 A
20 U
21 A
P
Glu510(K) OE2
Arg546(K) NH2
Thr636(K)
Lys635(K)
Ser698(K) OG
Arg637(K) NH2
Gly663(K)*
Thr697(K)
Gly663(K)*
Key
3 Backbone sugar and base-number
P Phosphate group
* Residue/water on plot more than once
Hydrogen bond to DNA
Nonbonded contact to DNA (< 3.35A)
88 W Water molecule and number

file

Chain L



Key



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