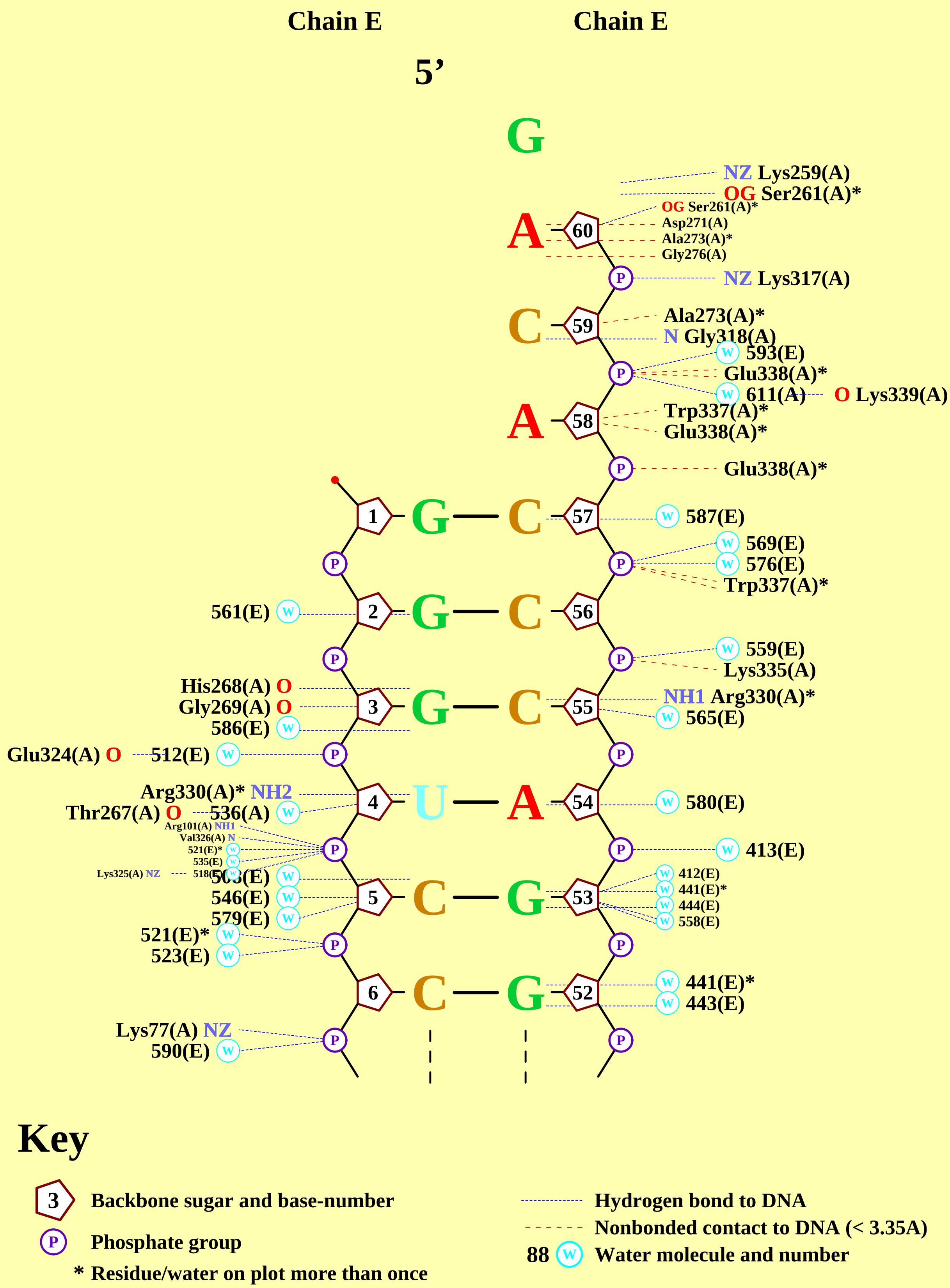
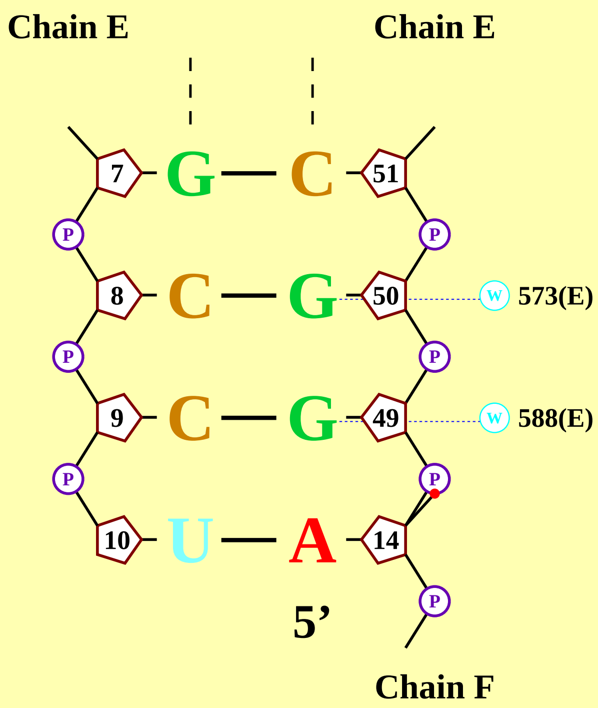
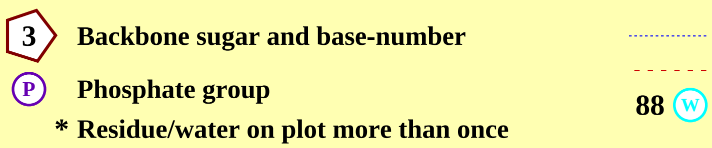


Chain E
Chain E
5’
G
A
60
C
59
A
58
NZ Lys259(A)
OG Ser261(A)*
OG Ser261(A)*
Asp271(A)
Ala273(A)*
Gly276(A)
NZ Lys317(A)
Ala273(A)*
N Gly318(A)
593(E)
Glu338(A)*
611(A)
O Lys339(A)
Trp337(A)*
Glu338(A)*
Glu338(A)*
1 G — C 57
2 G — C 56
3 G — C 55
4 U — A 54
5 C — G 53
6 C — G 52
587(E)
569(E)
576(E)
Trp337(A)*
561(E)
559(E)
Lys335(A)
His268(A) O
Gly269(A) O
586(E)
NH1 Arg330(A)*
565(E)
Glu324(A) O
512(E)
Arg330(A)* NH2
Thr267(A) O
536(A)
580(E)
Arg101(A) NH1
Val326(A) N
521(E)*
535(E)
Lys325(A) NZ
518(E)
413(E)
563(E)
546(E)
579(E)
412(E)
441(E)*
444(E)
558(E)
521(E)*
523(E)
441(E)*
443(E)
Lys77(A) NZ
590(E)
P
W
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

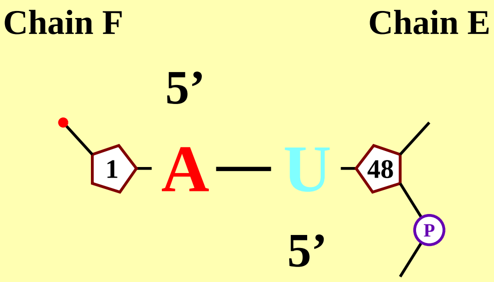
* Residue/water on plot more than once

Hydrogen bond to DNA

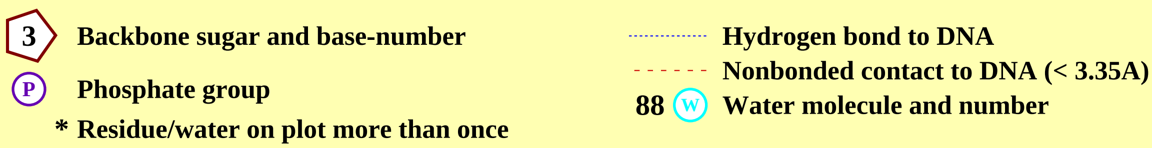
Nonbonded contact to DNA (< 3.35A)

Water molecule and number

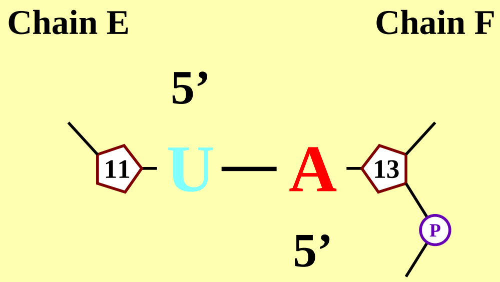
# file


Chain F
Chain E
5’
1
A
U
48
P
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**

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3 Backbone sugar and base-number

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88 W Water molecule and number

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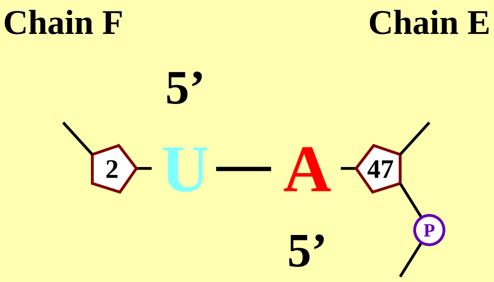
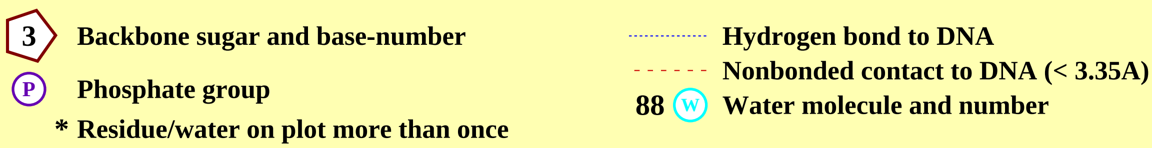

Chain F
Chain E
5’
2
U
A
47
P
5’

# Key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Backbone sugar and base-number
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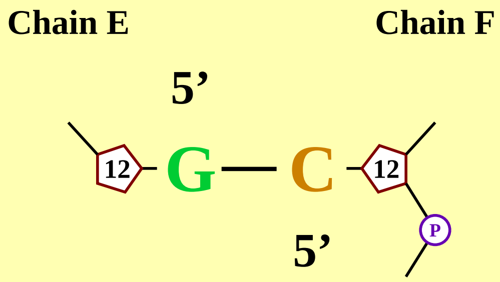
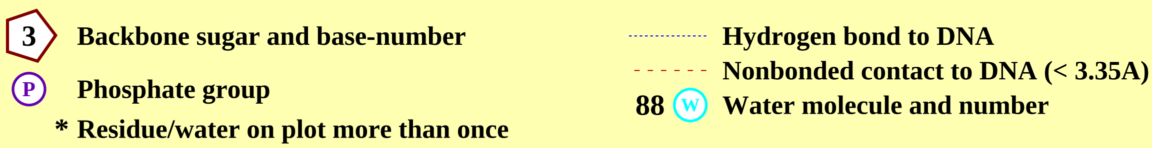

Chain E
Chain F
5’
12
G
C
12
P
5’

# Key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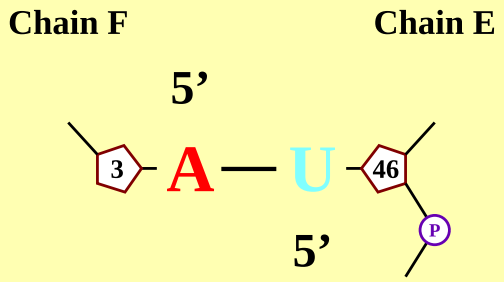
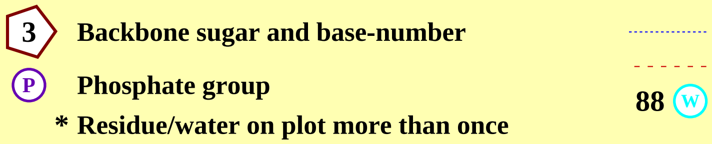



# Key




Backbone sugar and base-number

Phosphate group

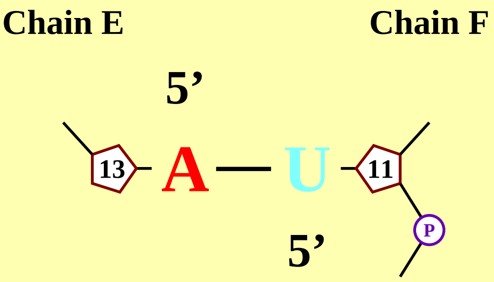
* Residue/water on plot more than once

Hydrogen bond to DNA

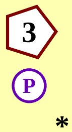
Nonbonded contact to DNA (< 3.35A)

Water molecule and number

# file




# Key




Backbone sugar and base-number

Phosphate group

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Nonbonded contact to DNA (< 3.35A)

88 Water molecule and number

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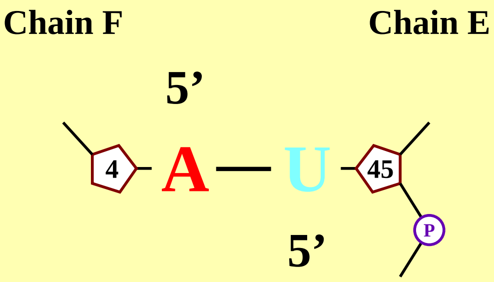
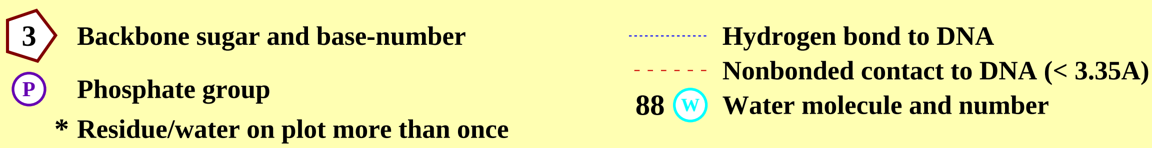

Chain F
Chain E
5’
4
A
U
45
P
5’

# Key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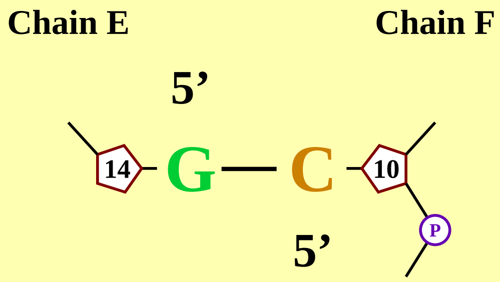


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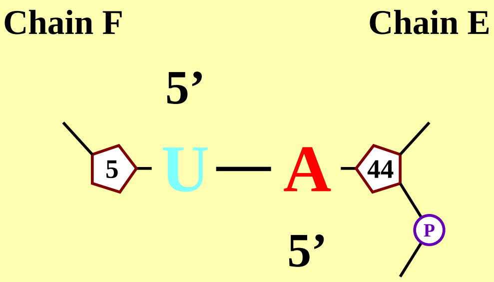


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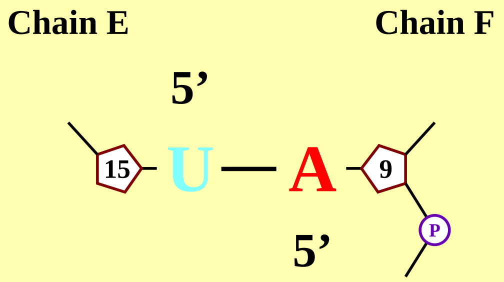
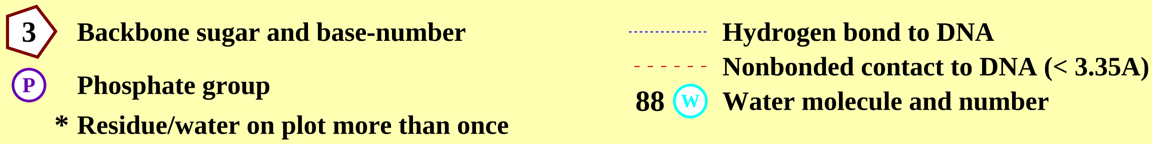

Chain E
Chain F
5’
15
U
A
9
P
5’

# Key


3
Backbone sugar and base-number
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Hydrogen bond to DNA
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W
Water molecule and number

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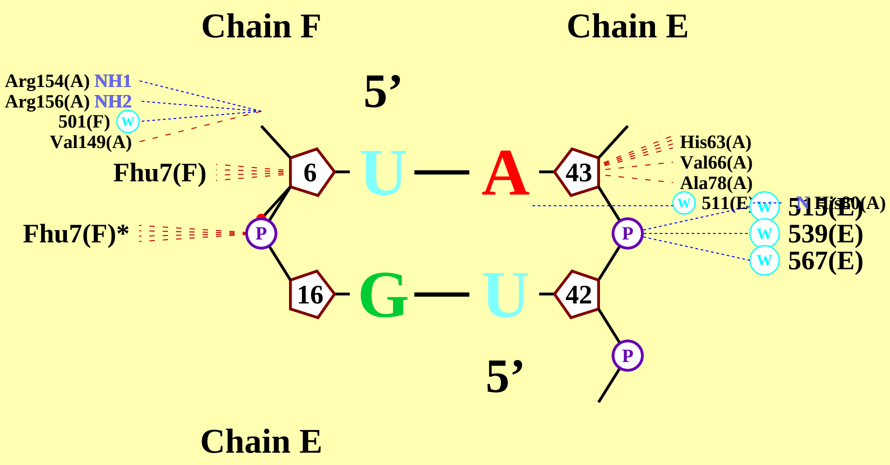



# Key

3 Backbone sugar and base-number

P Phosphate group

* Residue/water on plot more than once

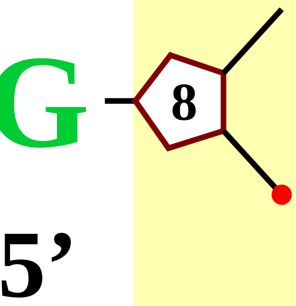
Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

# file

# Chain F




## Key

3 Backbone sugar and base-number

P Phosphate group

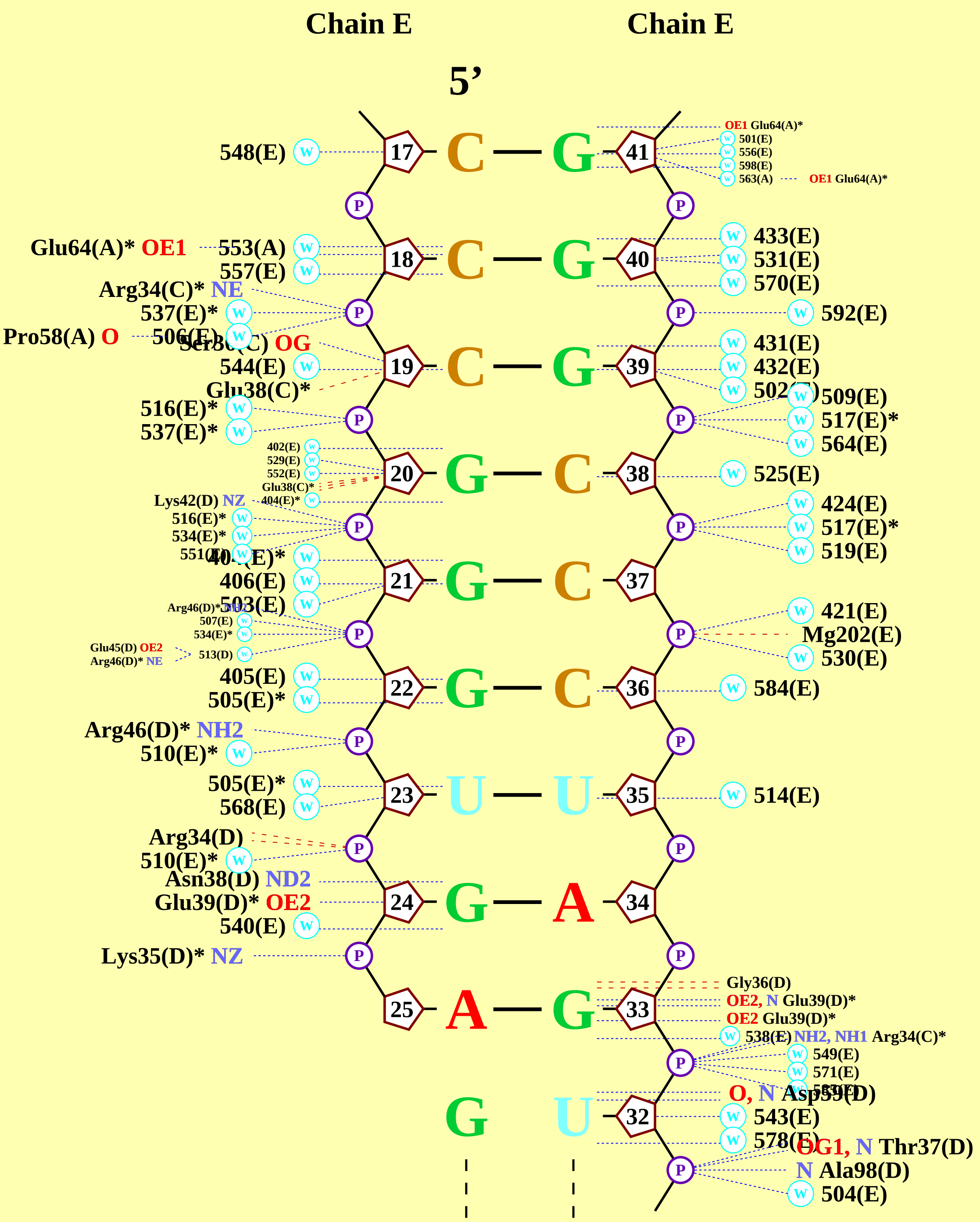
* Residue/water on plot more than once

Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

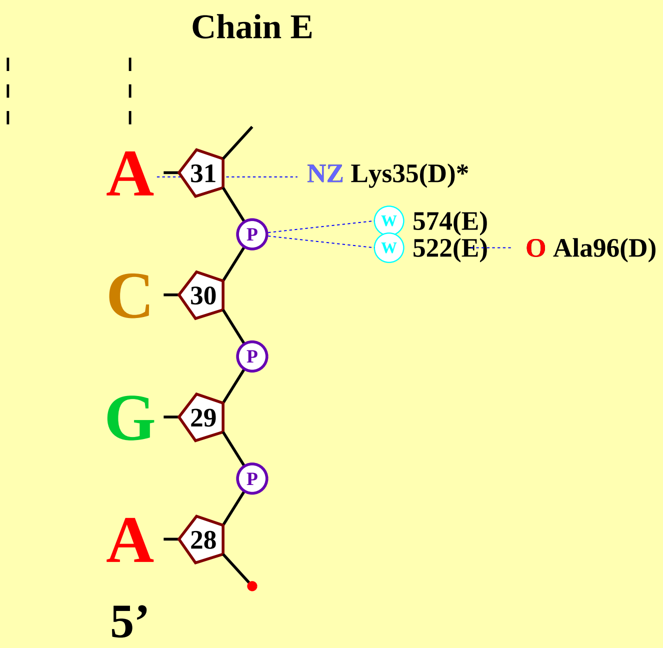
**file**




# 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)
- 88 Water molecule and number

**file**

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**file**