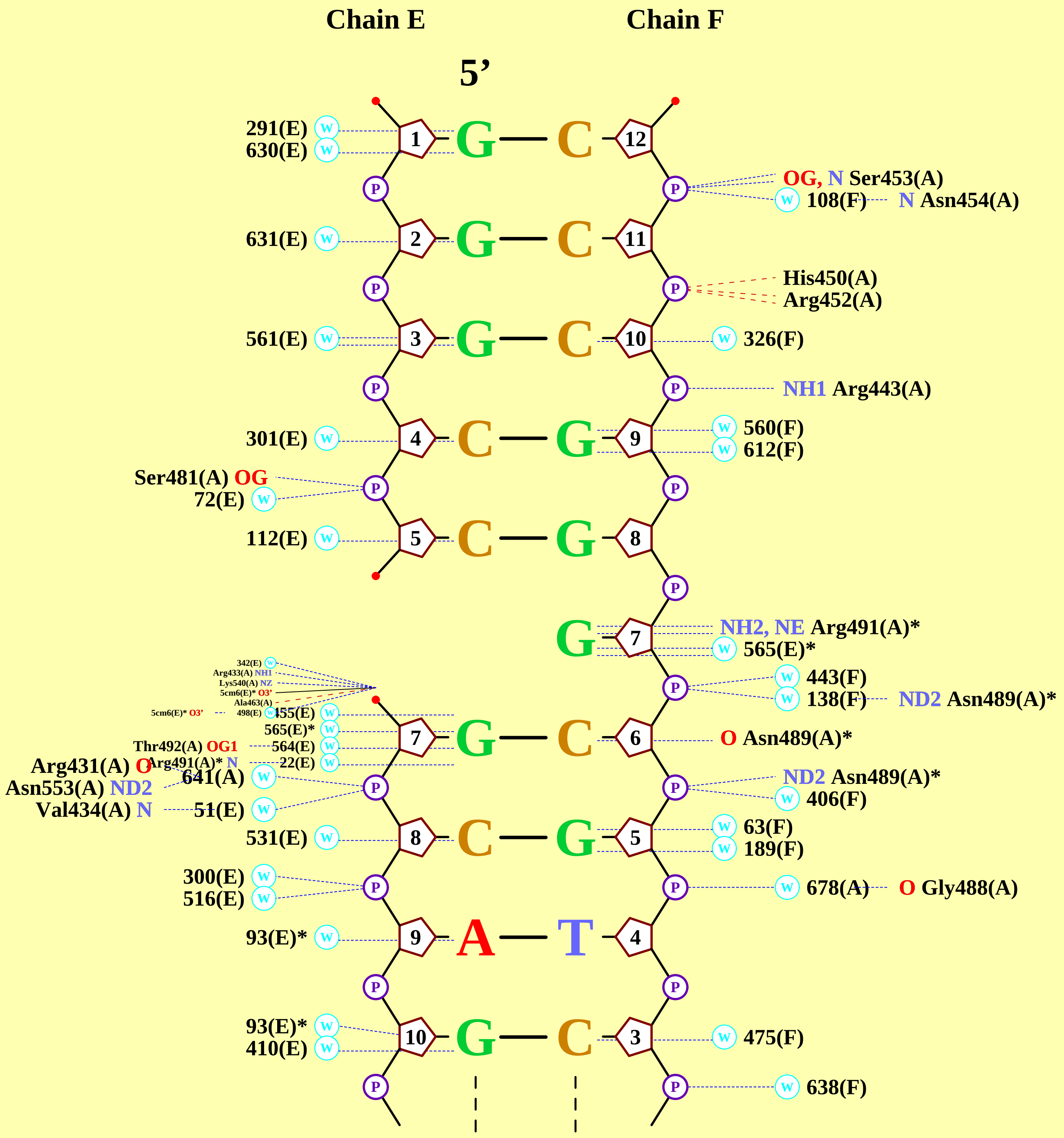


Key

3 Backbone sugar and base-number

P Phosphate group

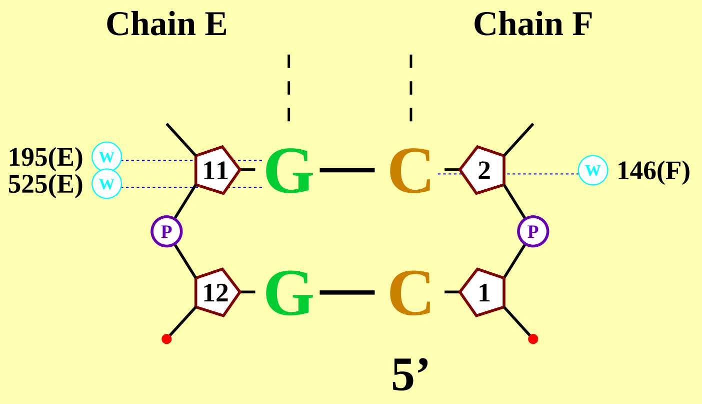
* Residue/water on plot more than once

Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

file



Key

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········ Hydrogen bond to DNA

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88 W Water molecule and number

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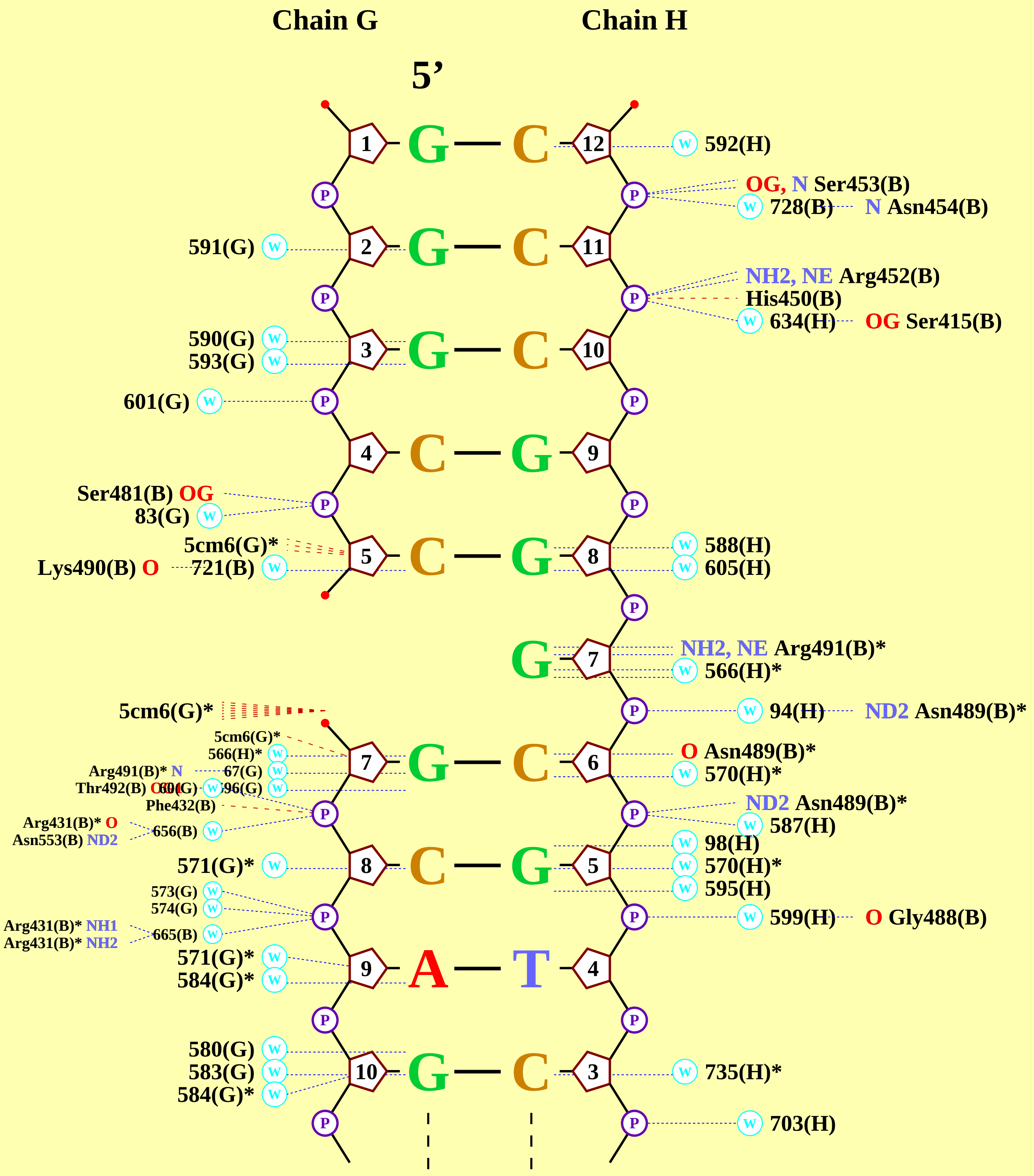
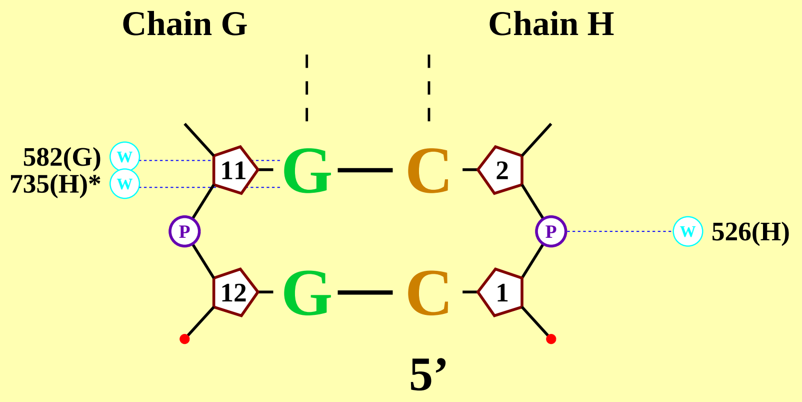


Key

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



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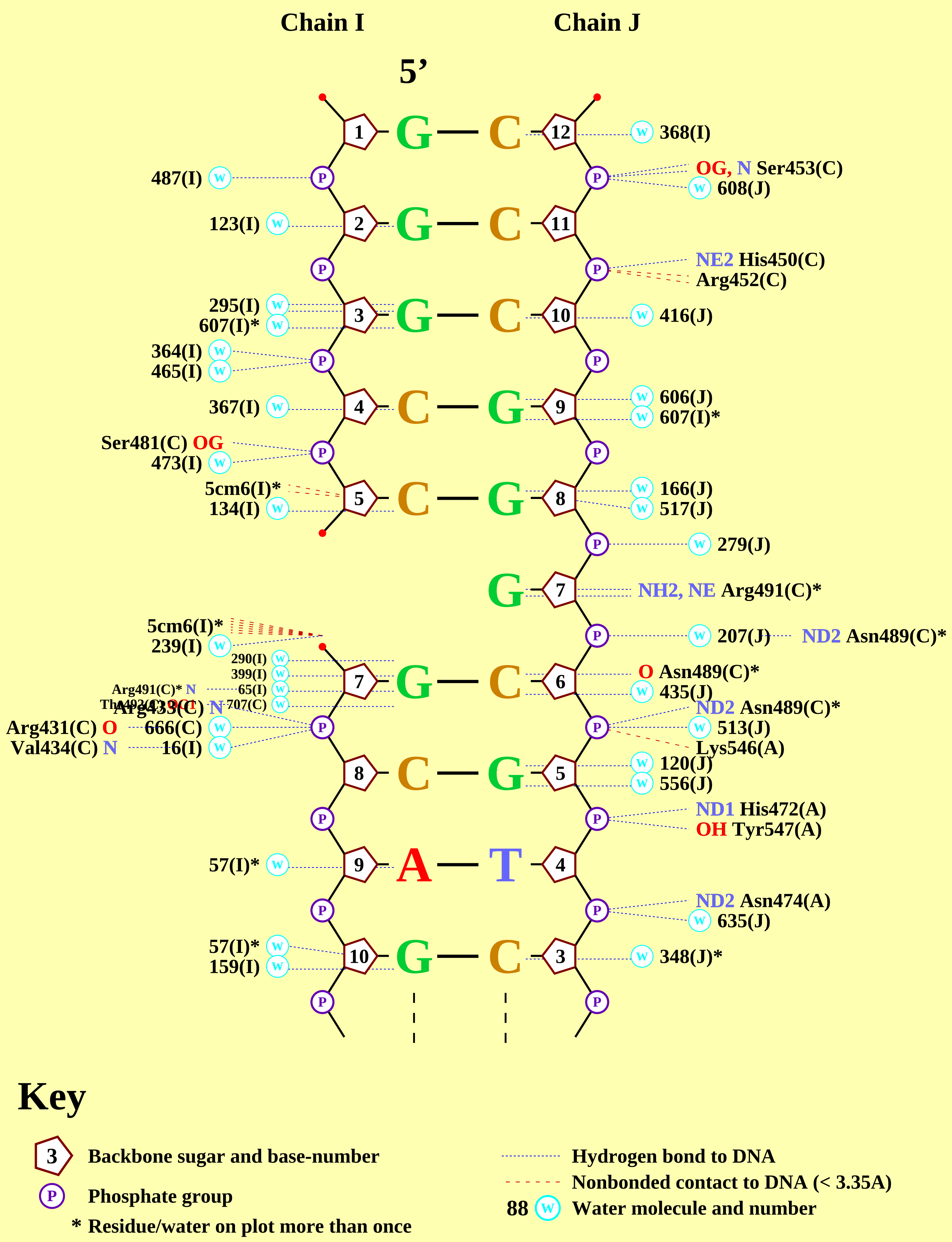
88 W Water molecule and number

file


Chain I
Chain J
5’
1 G — C 12
2 G — C 11
3 G — C 10
4 C — G 9
5 C — G 8
G 7
7 G — C 6
8 C — G 5
9 A — T 4
10 G — C 3
P
W
487(I)
123(I)
295(I)
607(I)*
364(I)
465(I)
367(I)
Ser481(C) OG
473(I)
5cm6(I)*
134(I)
5cm6(I)*
239(I)
290(I)
399(I)
65(I)
707(C)
Arg491(C)* N
Thr492(C) OG1
Arg433(C) N
Arg431(C) O
666(C)
Val434(C) N
16(I)
57(I)*
57(I)*
159(I)
368(I)
OG, N Ser453(C)
608(J)
NE2 His450(C)
Arg452(C)
416(J)
606(J)
607(I)*
166(J)
517(J)
279(J)
NH2, NE Arg491(C)*
207(J)
ND2 Asn489(C)*
O Asn489(C)*
435(J)
ND2 Asn489(C)*
513(J)
Lys546(A)
120(J)
556(J)
ND1 His472(A)
OH Tyr547(A)
ND2 Asn474(A)
635(J)
348(J)*
Key
3 Backbone sugar and base-number
P Phosphate group
* Residue/water on plot more than once
Hydrogen bond to DNA
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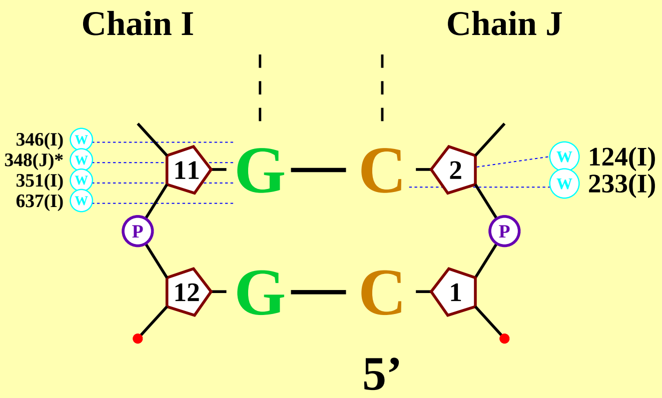


Key

3 **Backbone sugar and base-number**

P **Phosphate group**

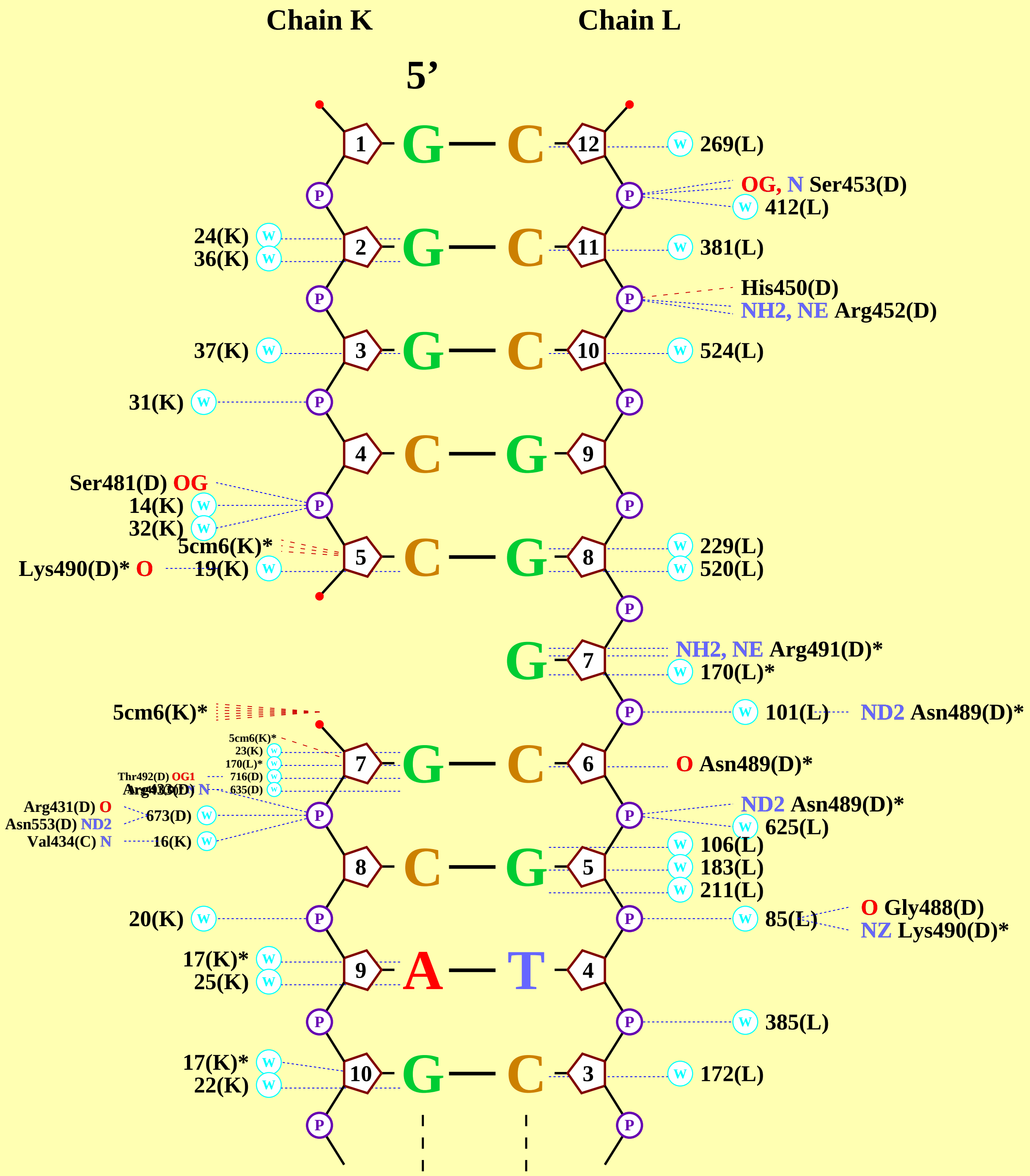
* **Residue/water on plot more than once**

······ **Hydrogen bond to DNA**

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

88 W **Water molecule and number**

file



Key

3 Backbone sugar and base-number

P Phosphate group

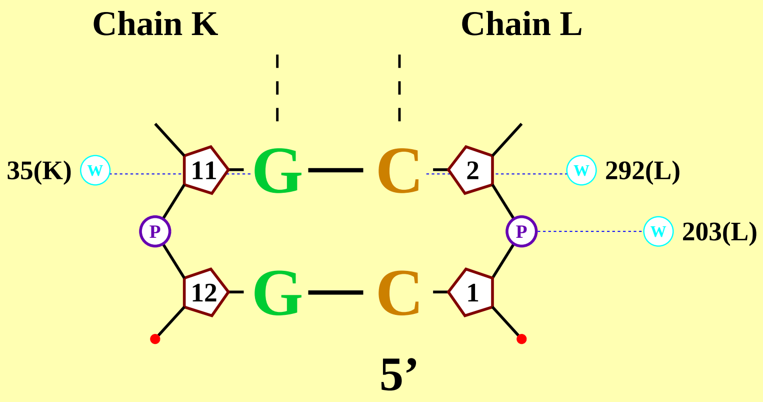
* Residue/water on plot more than once

┈ 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