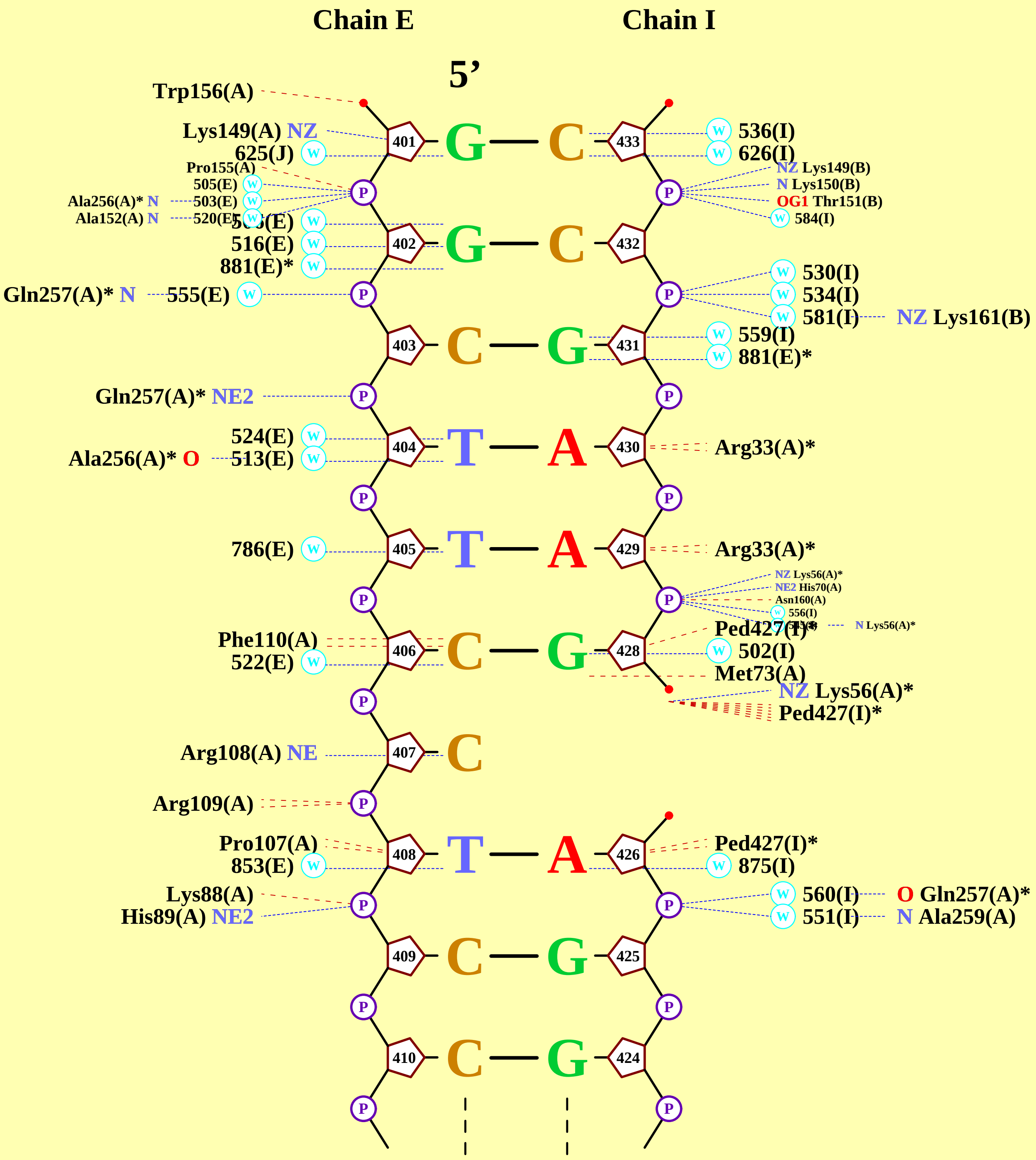


Key

3 Backbone sugar and base-number

Ⓟ Phosphate group

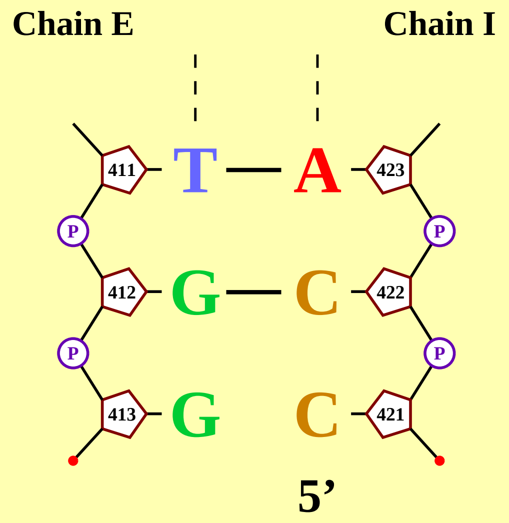
* Residue/water on plot more than once

Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

88 Ⓦ Water molecule and number

file



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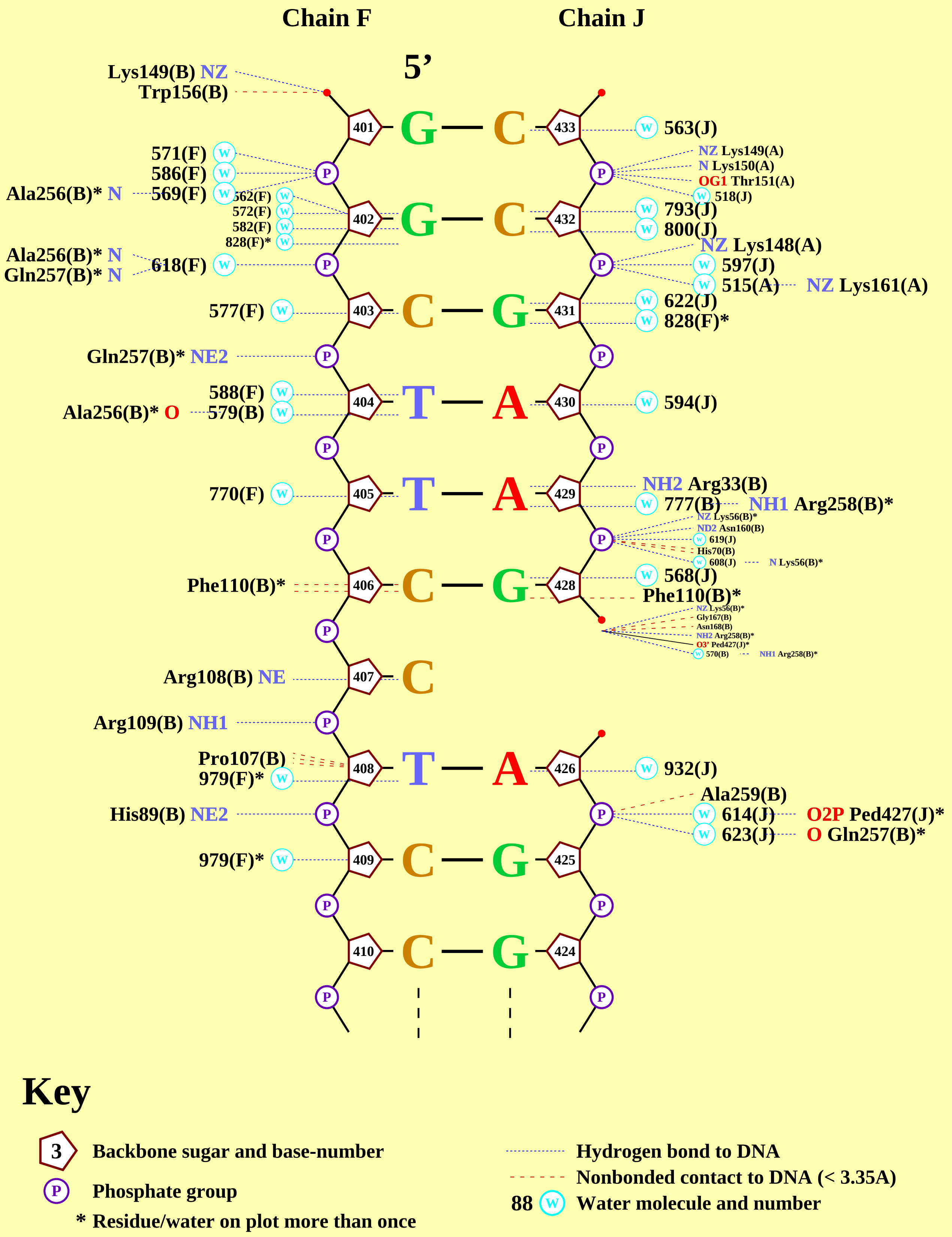
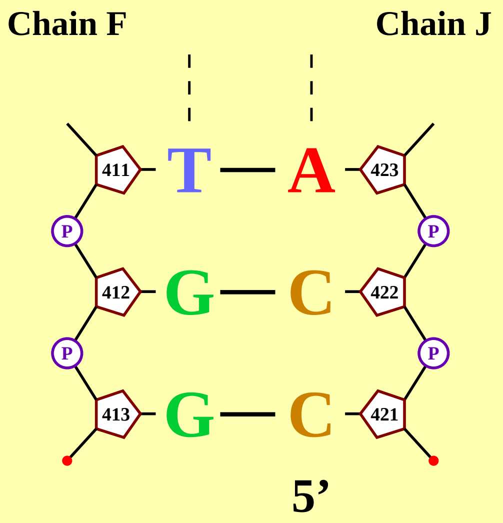

Chain F
Chain J
5'
Lys149(B) NZ
Trp156(B)
401
G
C
433
563(J)
571(F)
586(F)
Ala256(B)* N
569(F)
562(F)
572(F)
582(F)
828(F)*
NZ Lys149(A)
N Lys150(A)
OG1 Thr151(A)
518(J)
402
G
C
432
793(J)
800(J)
Ala256(B)* N
Gln257(B)* N
618(F)
NZ Lys148(A)
597(J)
515(A)
NZ Lys161(A)
577(F)
403
C
G
431
622(J)
828(F)*
Gln257(B)* NE2
588(F)
Ala256(B)* O
579(B)
404
T
A
430
594(J)
770(F)
405
T
A
429
NH2 Arg33(B)
777(B)
NH1 Arg258(B)*
NZ Lys56(B)*
ND2 Asn160(B)
619(J)
His70(B)
608(J)
N Lys56(B)*
Phe110(B)*
406
C
G
428
568(J)
Phe110(B)*
NZ Lys56(B)*
Gly167(B)
Asn168(B)
NH2 Arg258(B)*
O3' Ped427(J)*
570(B)
NH1 Arg258(B)*
Arg108(B) NE
407
C
Arg109(B) NH1
Pro107(B)
979(F)*
408
T
A
426
932(J)
Ala259(B)
His89(B) NE2
614(J)
O2P Ped427(J)*
623(J)
O Gln257(B)*
979(F)*
409
C
G
425
410
C
G
424
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

3 Backbone sugar and base-number

P Phosphate group

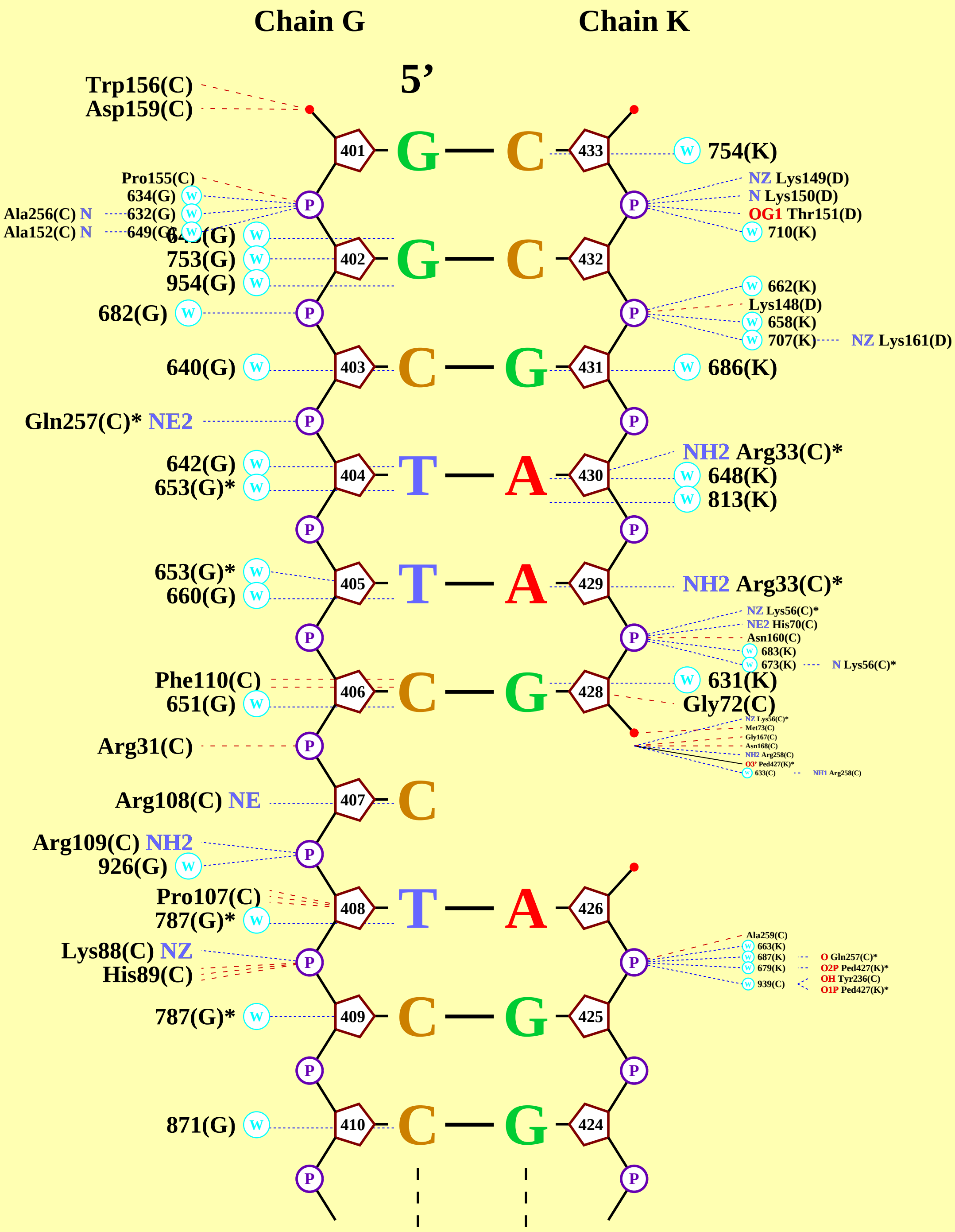
* Residue/water on plot more than once

········ Hydrogen bond to DNA

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

88 W Water molecule and number

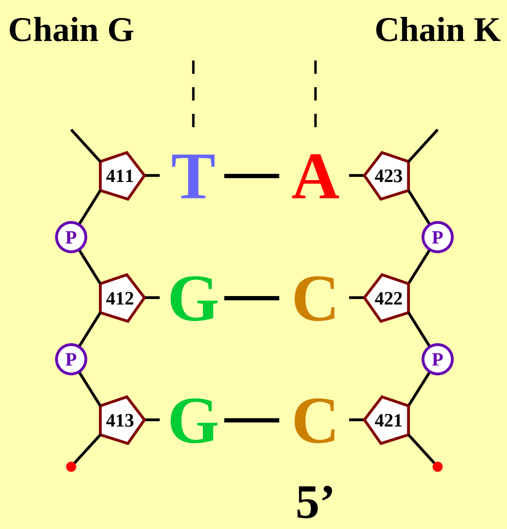
file



Key

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

file



Key

3 Backbone sugar and base-number

P Phosphate group

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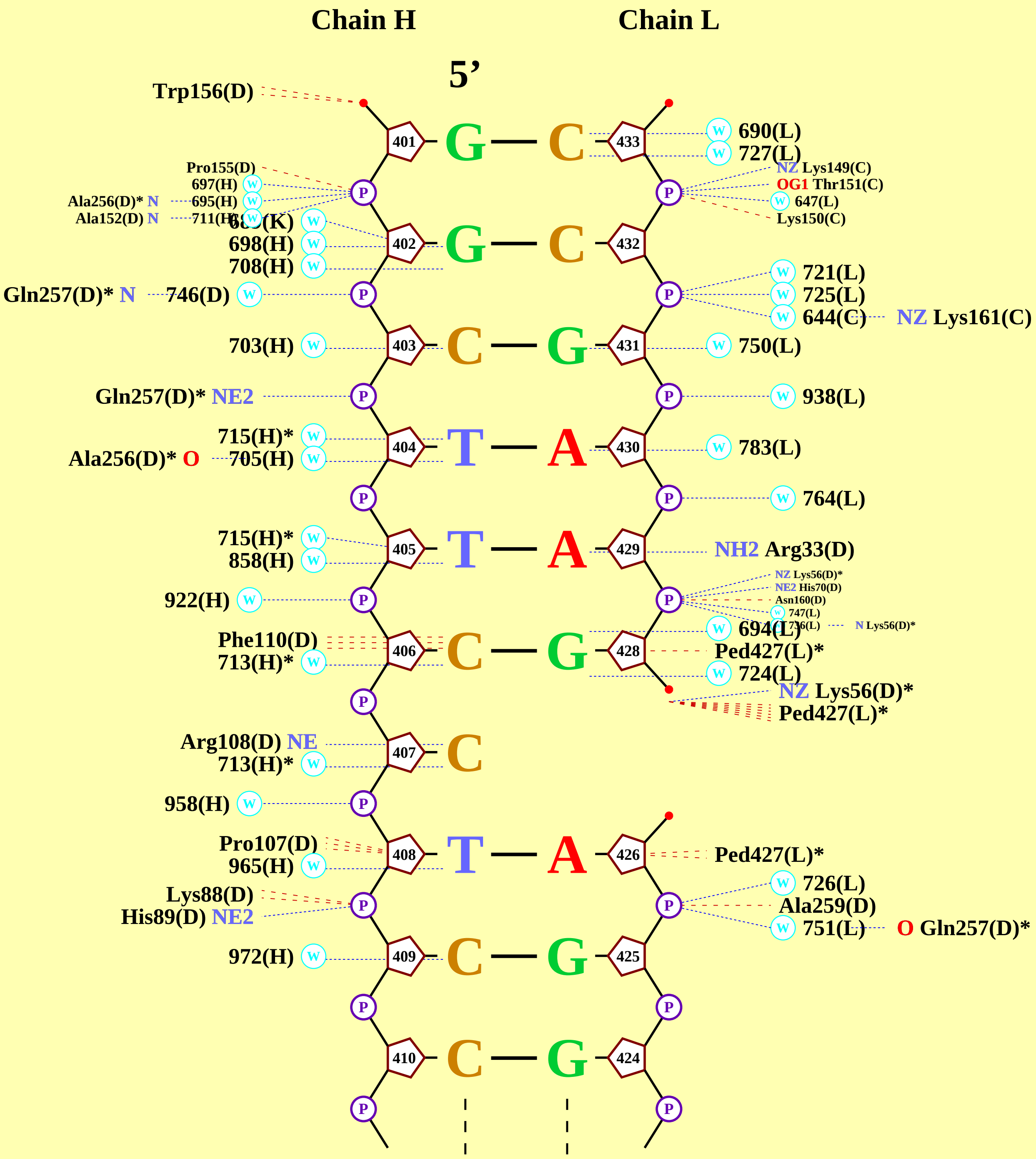
Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

file



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88 W Water molecule and number

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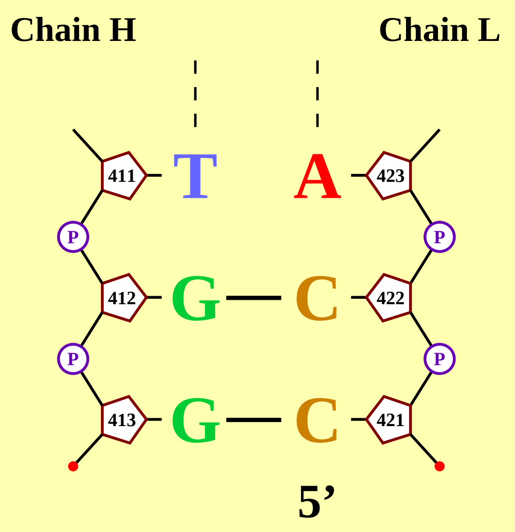

Key

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