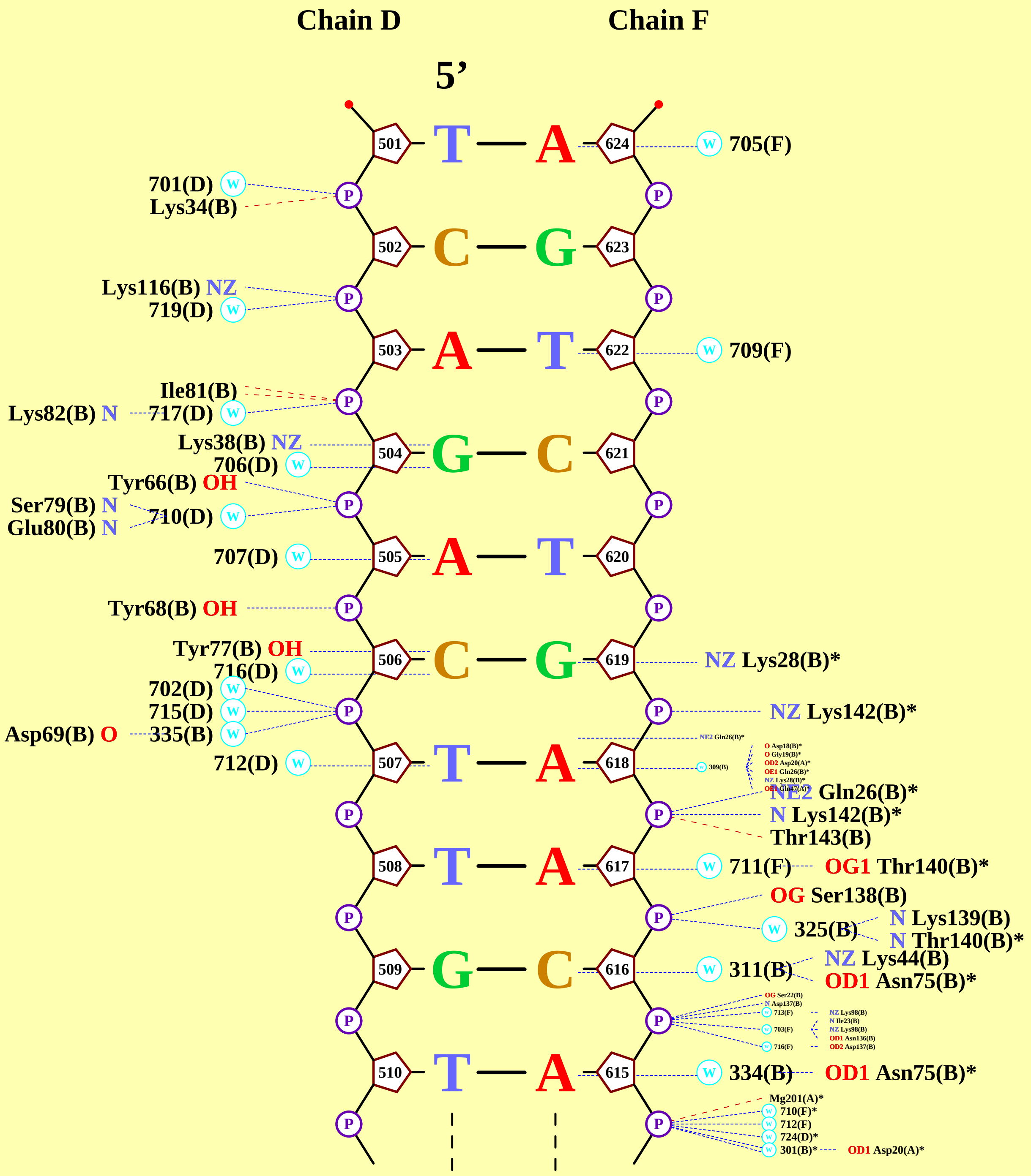


Key

3 Backbone sugar and base-number

P Phosphate group

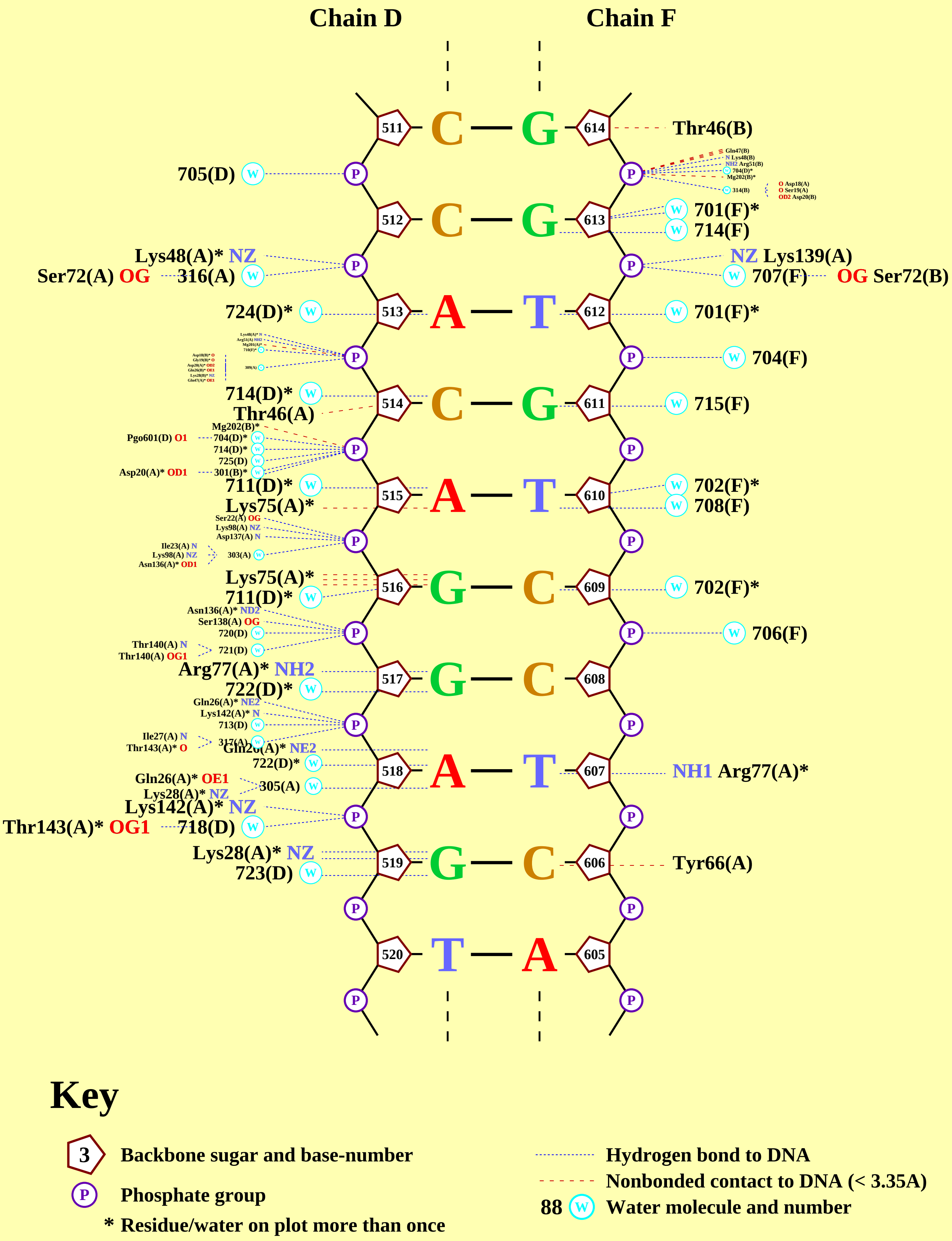
* Residue/water on plot more than once

······ Hydrogen bond to DNA

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

88 W Water molecule and number

file


Chain D
Chain F
511
C
G
614
Thr46(B)
705(D)
512
C
G
613
701(F)*
714(F)
Lys48(A)* NZ
Ser72(A) OG
316(A)
NZ Lys139(A)
707(F)
OG Ser72(B)
724(D)*
513
A
T
612
701(F)*
704(F)
714(D)*
Thr46(A)
514
C
G
611
715(F)
Mg202(B)*
Pgo601(D) O1
704(D)*
714(D)*
725(D)
Asp20(A)* OD1
301(B)*
711(D)*
Lys75(A)*
515
A
T
610
702(F)*
708(F)
Ser22(A) OG
Lys98(A) NZ
Asp137(A) N
Ile23(A) N
Lys98(A) NZ
Asn136(A)* OD1
303(A)
Lys75(A)*
711(D)*
516
G
C
609
702(F)*
Asn136(A)* ND2
Ser138(A) OG
720(D)
Thr140(A) N
Thr140(A) OG1
721(D)
706(F)
Arg77(A)* NH2
722(D)*
517
G
C
608
Gln26(A)* NE2
Lys142(A)* N
713(D)
Ile27(A) N
Thr143(A)* O
317(A)
Gln26(A)* NE2
722(D)*
518
A
T
607
NH1 Arg77(A)*
Gln26(A)* OE1
Lys28(A)* NZ
305(A)
Lys142(A)* NZ
Thr143(A)* OG1
718(D)
Lys28(A)* NZ
723(D)
519
G
C
606
Tyr66(A)
520
T
A
605
P
W
Key
3
Backbone sugar and base-number
P
Phosphate group
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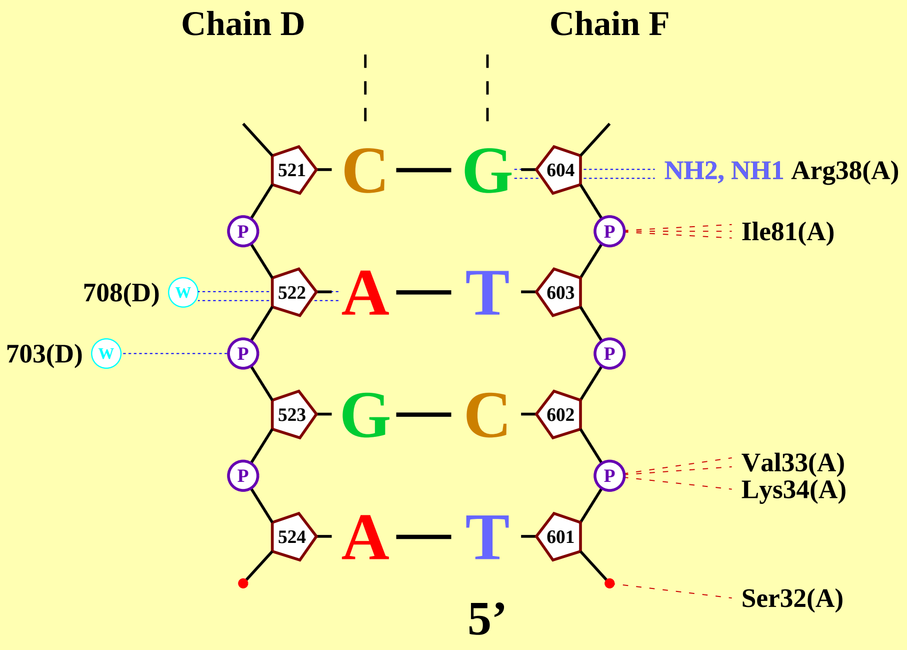
Nonbonded contact to DNA (< 3.35A)
88
W
Water molecule and number

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