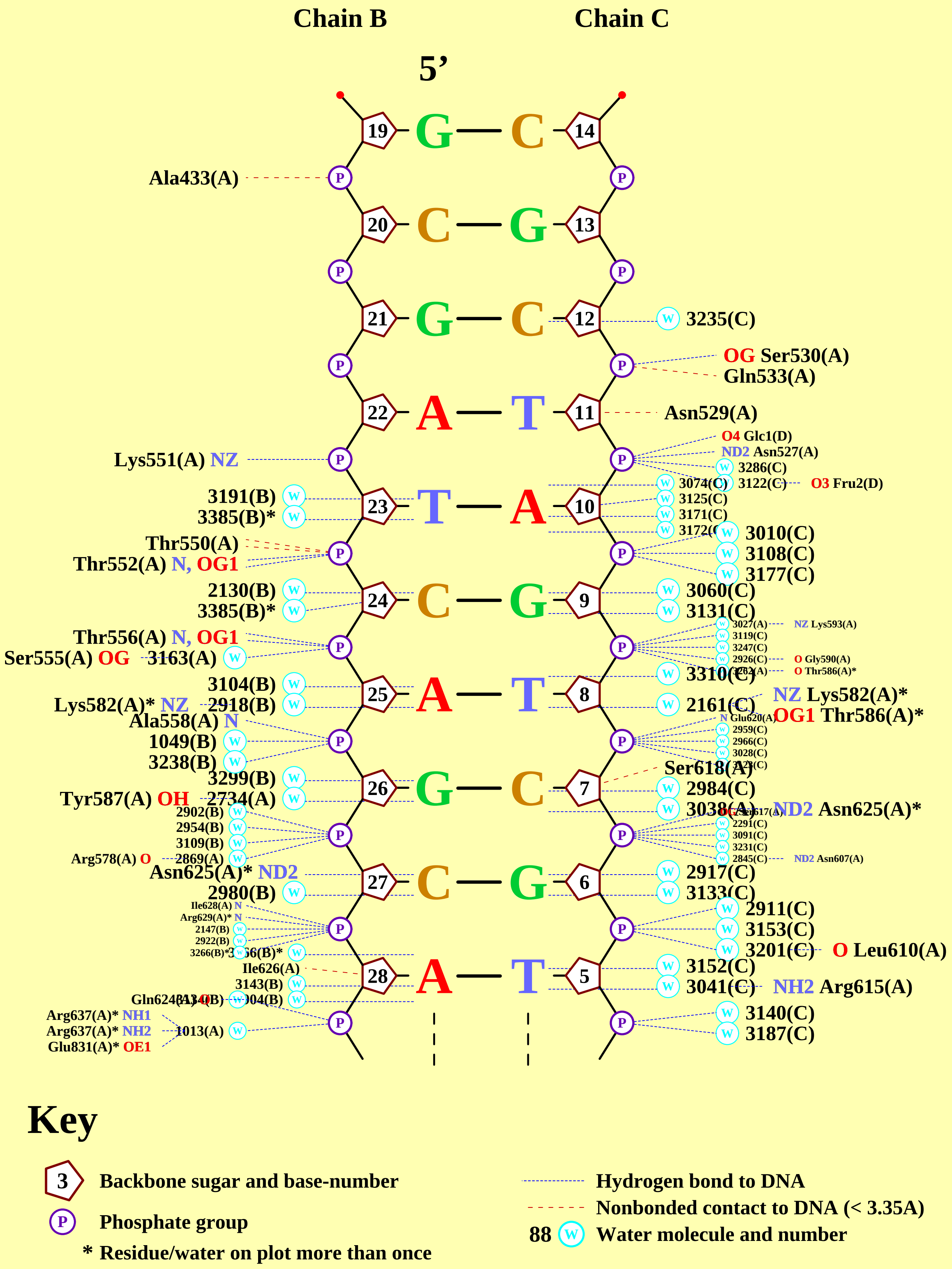
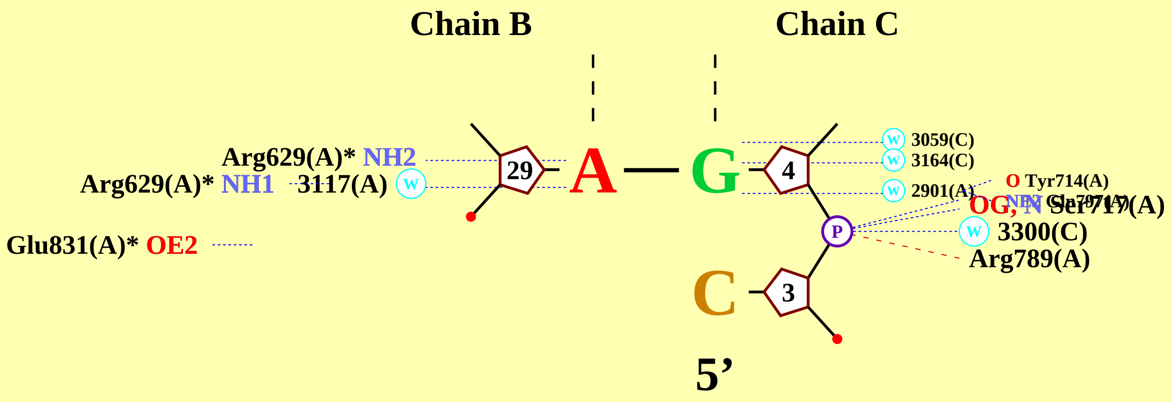

Chain B
Chain C
5’
19 G — C 14
20 C — G 13
21 G — C 12
22 A — T 11
23 T — A 10
24 C — G 9
25 A — T 8
26 G — C 7
27 C — G 6
28 A — T 5
Ala433(A)
3235(C)
OG Ser530(A)
Gln533(A)
Asn529(A)
Lys551(A) NZ
O4 Glc1(D)
ND2 Asn527(A)
3286(C)
3074(C)
3122(C)
O3 Fru2(D)
3191(B)
3385(B)*
3125(C)
3171(C)
3172(C)
Thr550(A)
Thr552(A) N, OG1
3010(C)
3108(C)
3177(C)
2130(B)
3385(B)*
3060(C)
3131(C)
Thr556(A) N, OG1
Ser555(A) OG
3163(A)
3027(A)
NZ Lys593(A)
3119(C)
3247(C)
2926(C)
O Gly590(A)
3282(A)
O Thr586(A)*
3310(C)
3104(B)
Lys582(A)* NZ
2918(B)
2161(C)
NZ Lys582(A)*
OG1 Thr586(A)*
Ala558(A) N
N Glu620(A)
2959(C)
1049(B)
2966(C)
3028(C)
3238(B)
Ser618(A)
3299(B)
2984(C)
Tyr587(A) OH
2734(A)
3038(A)
ND2 Asn625(A)*
2902(B)
2291(C)
2954(B)
3091(C)
3109(B)
3231(C)
Arg578(A) O
2869(A)
2845(C)
ND2 Asn607(A)
Asn625(A)* ND2
2917(C)
2980(B)
3133(C)
Ile628(A) N
Arg629(A)* N
2911(C)
2147(B)
3153(C)
2922(B)
3201(C)
O Leu610(A)
Ile626(A)
3152(C)
3143(B)
3041(C)
NH2 Arg615(A)
Gln624(A) O
Arg637(A)* NH1
Arg637(A)* NH2
3013(A)
3140(C)
Glu831(A)* OE1
3187(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



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)

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file