Chain R

5'

3 A

P

4 U

Lys61(B)* NZ ---- P

5 C

Lys61(B)* NZ ---- P

Thr45(B) OG1
Ser47(B) OG
Thr59(B) O
6 G

Ser47(B) OG
Arg49(B)* NH1 ---- 2001(R) W

P

7 C

Arg49(B)* NE, NH2
Lys57(B) NZ ---- P

8 G

Ser51(B)
Ser52(B) OG ---- P

9 A

P

10 U

Tyr85(A) OH ---- P

Glu63(A) OE2
Asn87(A) ---- 11 U

P

Thr45(A) OG1
Ser47(A) OG
Thr59(A) O ---- 12 A

P

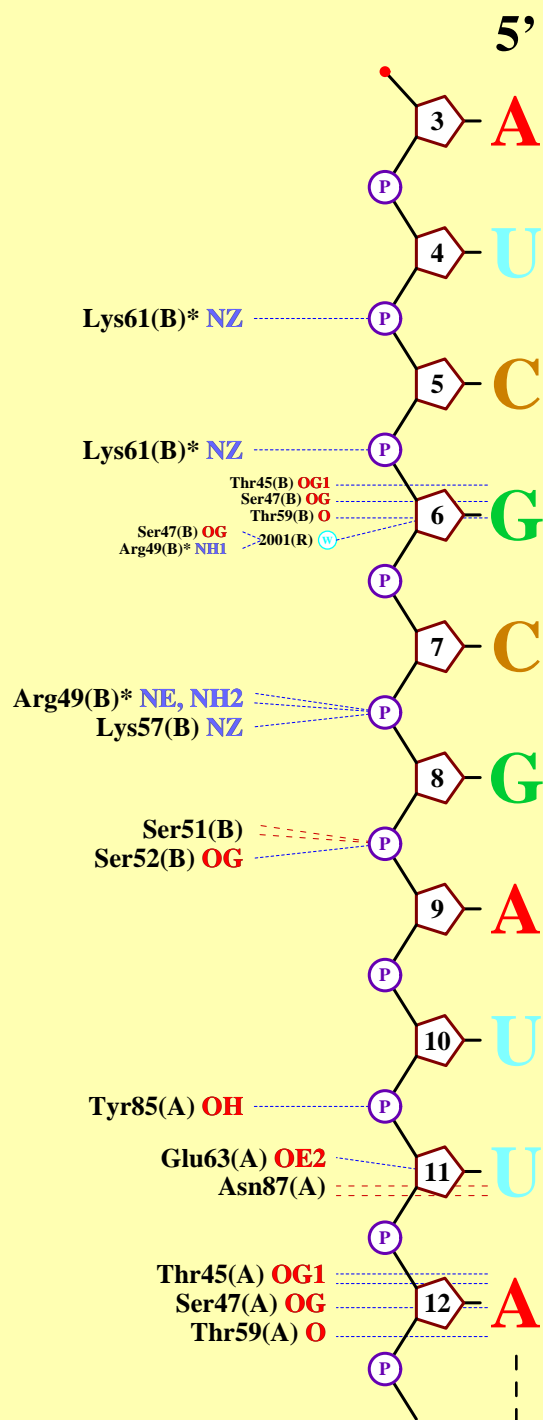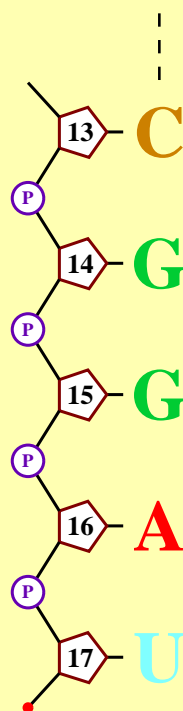## Key

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 R

13 C

14 G

15 G

16 A

17 U

Key

3 ⟩ Backbone sugar and base-number

P Phosphate group

* Residue/water on plot more than once
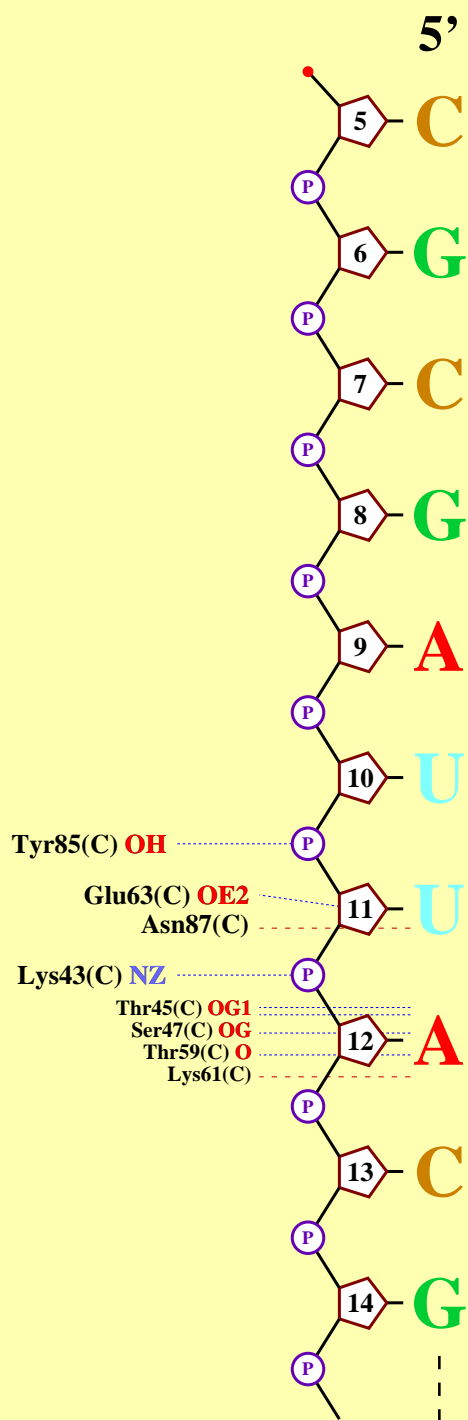
.... Hydrogen bond to DNA

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

88 W Water molecule and number

file

Chain S

5'

C 5
G 6
C 7
G 8
A 9
U 10

Tyr85(C) **OH** ······ P

Glu63(C) **OE2** ······ 11 U
Asn87(C) ------

Lys43(C) **NZ** ······ P

Thr45(C) **OG1** ······
Ser47(C) **OG** ······ 12 A
Thr59(C) **O** ······
Lys61(C) ------

C 13
G 14

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

Chain S

15 – G

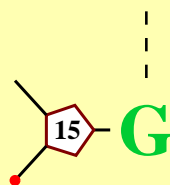# Key

⬠ **3**   Backbone sugar and base-number

Ⓟ   Phosphate group

   *   Residue/water on plot more than once

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88 Ⓦ   Water molecule and number

file