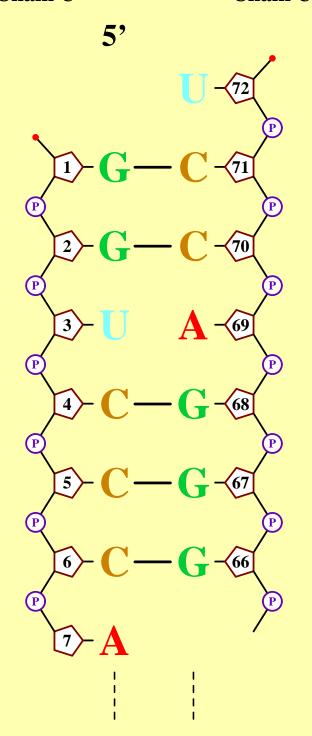
Chain U



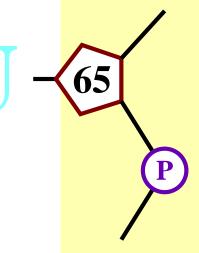
## Key

- 3 Backbone sugar and base-number
- Phosphate group
  - \* Residue/water on plot more than once

----- Hydrogen bond to DNA

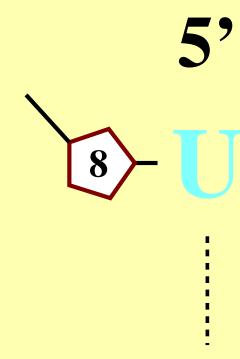
-- Nonbonded contact to DNA (< 3.35A)

88 Water molecule and number



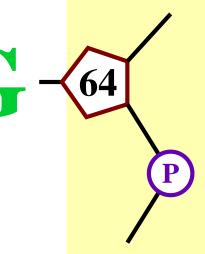
## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



## 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)
  Water molecule and number



## Key

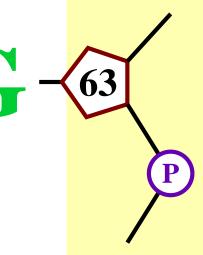
- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once

Mg101(U) MG — 5'

9 - G

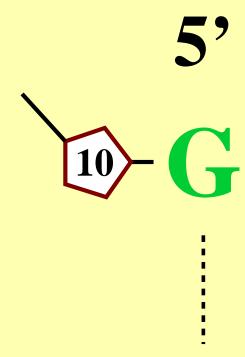
#### Key

- 3 Backbone sugar and base-number
- Phosphate group
  - \* Residue/water on plot more than once



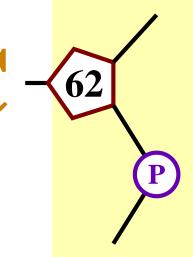
## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



## Key

- Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once

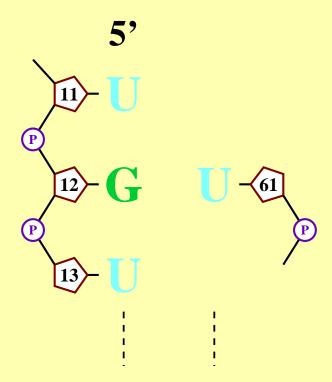


## Key

- 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

## Chain U



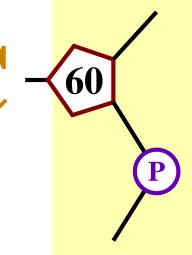
## Key

- 3 Backbone sugar and base-number
- Phosphate group
  - \* Residue/water on plot more than once

Hydrogen bond to DNA

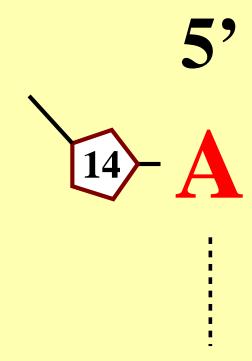
Nonbonded contact to DNA (< 3.35A)

88 Water molecule and number



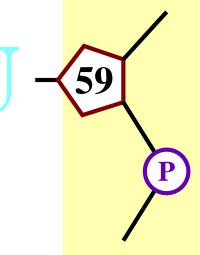
## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



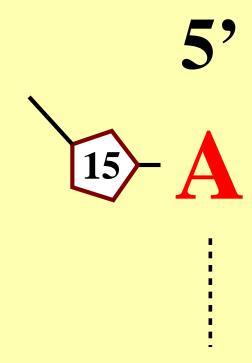
## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



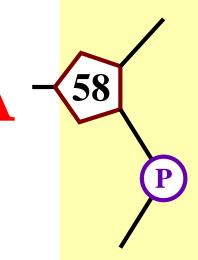
## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



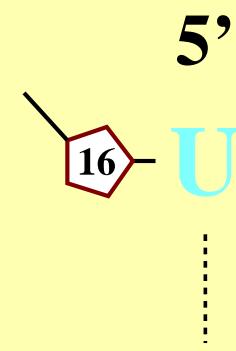
## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



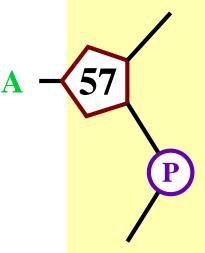
## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



## Key

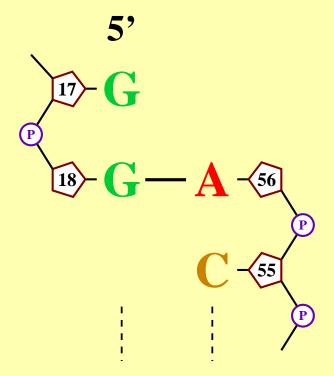
- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once

## Chain U



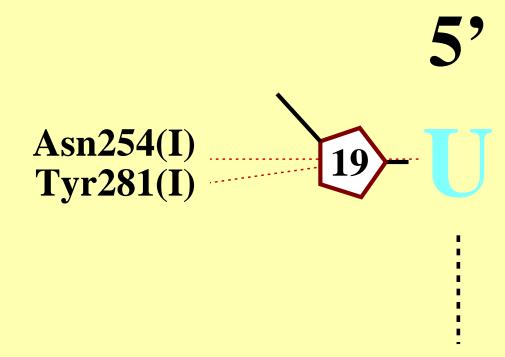
## Key

- Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once

Hydrogen bond to DNA

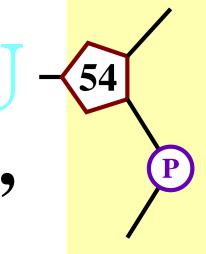
- Nonbonded contact to DNA (< 3.35A)

88 Water molecule and number



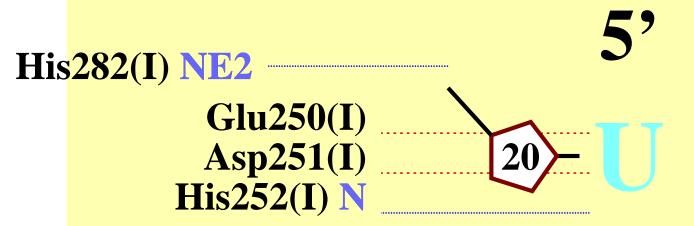
#### Key

- Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



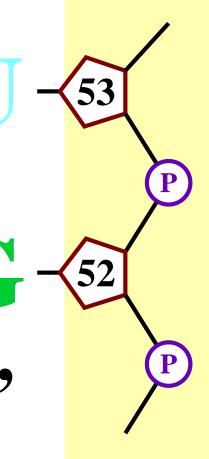
## Key

- 3 Backbone sugar and base-number
- Phosphate group
  - \* Residue/water on plot more than once



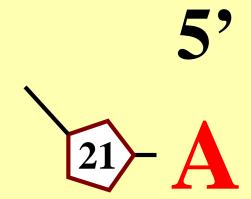
#### Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



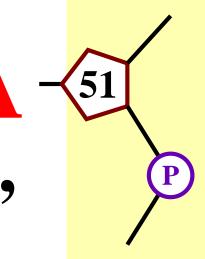
## Key

- Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



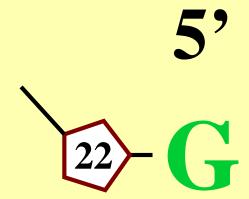
## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



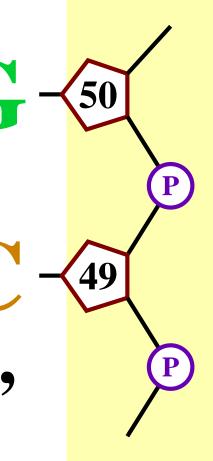
## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



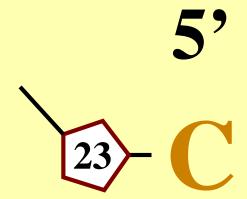
## Key

- 3 Backbone sugar and base-number
- Phosphate group
  - \* Residue/water on plot more than once



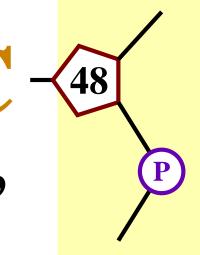
## Key

- Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



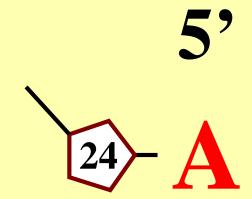
## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



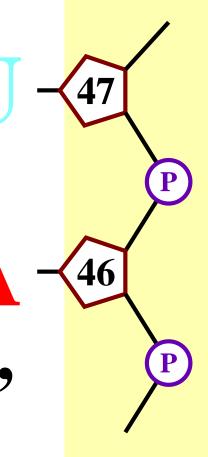
## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



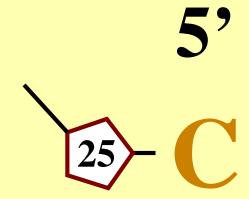
## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



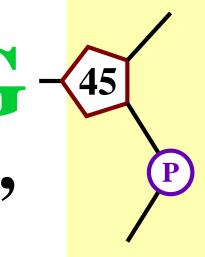
## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



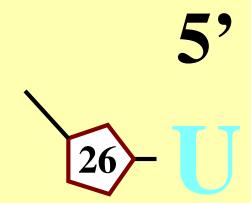
## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



## Key

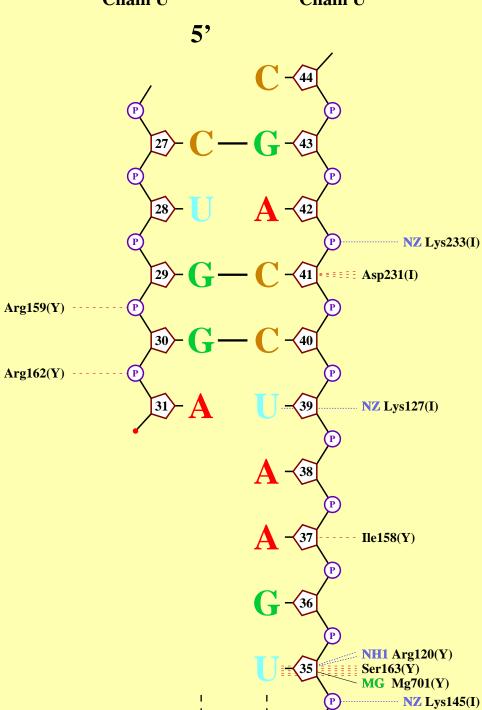
- Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once

Chain U



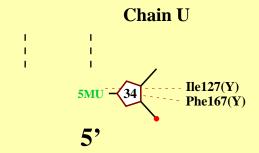
## Key

- 3 Backbone sugar and base-number
- Phosphate group
  - \* Residue/water on plot more than once

Hydrogen bond to DNA

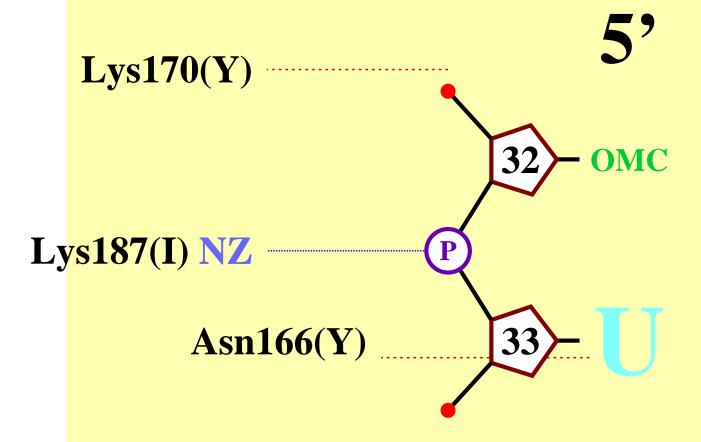
Nonbonded contact to DNA (< 3.35A)

88 Water molecule and number



## Key

- 3 Backbone sugar and base-number
- P Phosphate group
  - \* Residue/water on plot more than once



#### 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 Water molecule and number