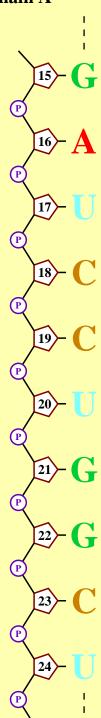


Key

- 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)

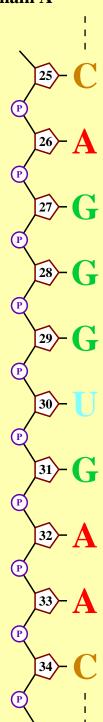


Key

- 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)

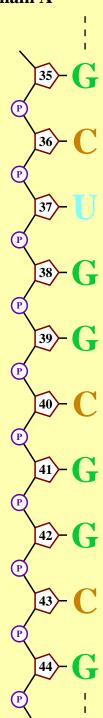


Key

- 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)

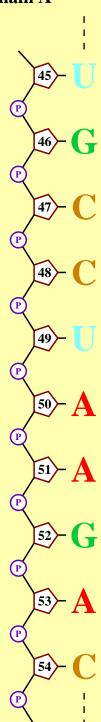


Key

- 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)

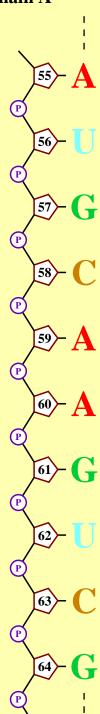


Key

- 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)

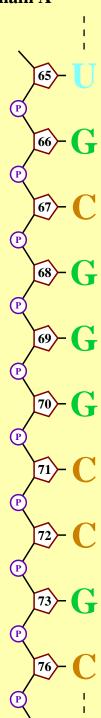


Key

- 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)

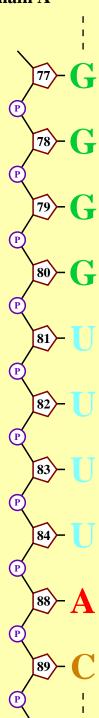


Key

- 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)

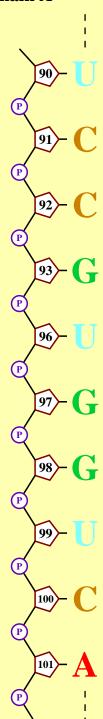


Key

- 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)

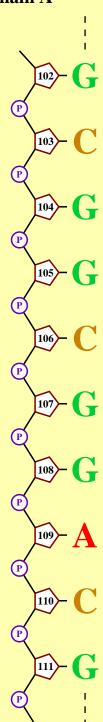


Key

- 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)

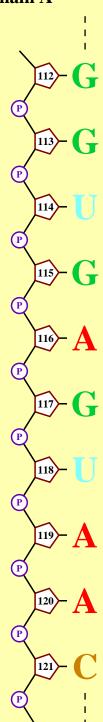


Key

- 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)

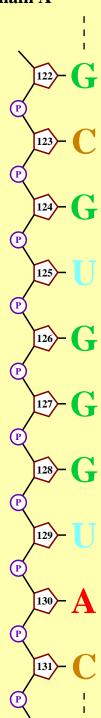


Key

- 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)

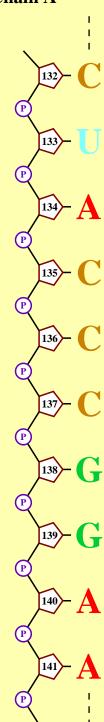


Key

- 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)

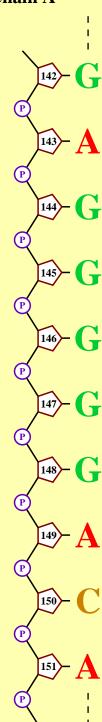


Key

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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

- Nonbonded contact to DNA (< 3.35A)

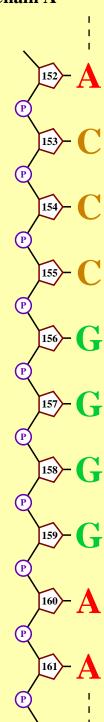


Key

- 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)

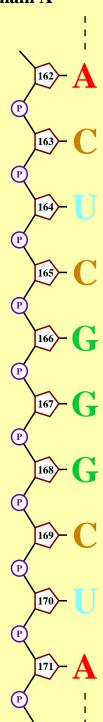


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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

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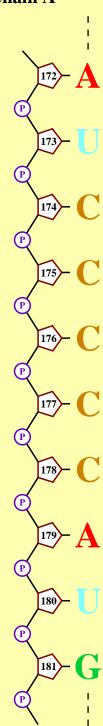


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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

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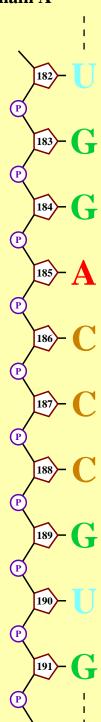


Key

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

Hydrogen bond to DNA

- Nonbonded contact to DNA (< 3.35A)

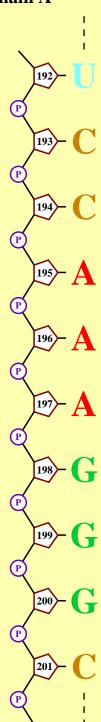


Key

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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

- Nonbonded contact to DNA (< 3.35A)

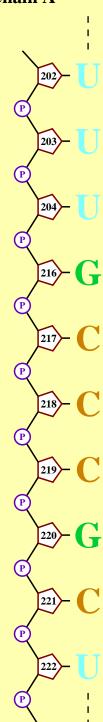


Key

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Hydrogen bond to DNA

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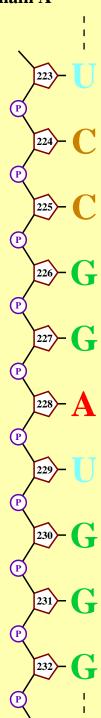


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Hydrogen bond to DNA

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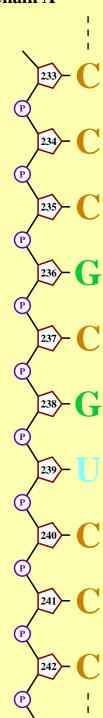


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Hydrogen bond to DNA

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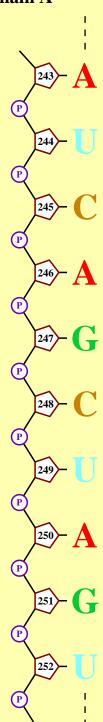


Key

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Hydrogen bond to DNA

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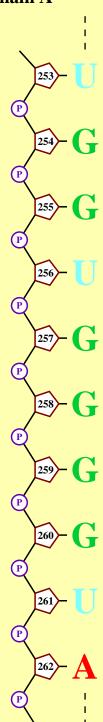


Key

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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

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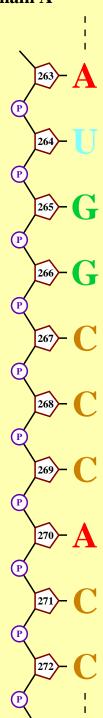


Key

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Hydrogen bond to DNA

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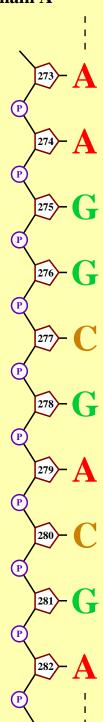


Key

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Hydrogen bond to DNA

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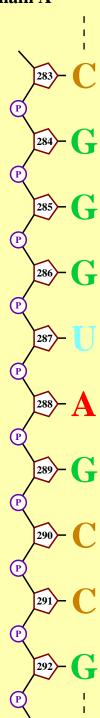


Key

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Hydrogen bond to DNA

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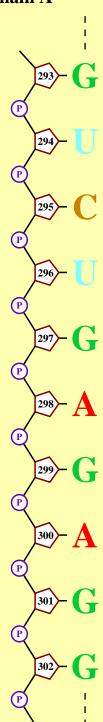


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- Phosphate group
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Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

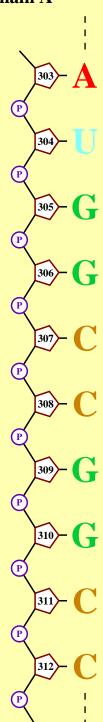


Key

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Hydrogen bond to DNA

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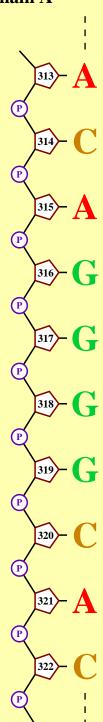


Key

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Hydrogen bond to DNA

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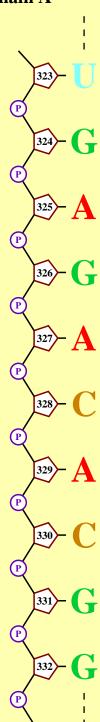


Key

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Hydrogen bond to DNA

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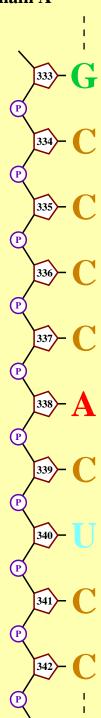


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Hydrogen bond to DNA

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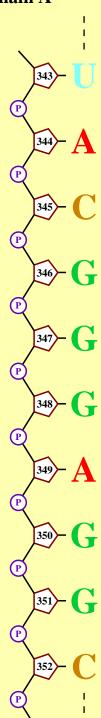


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- P Phosphate group
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Hydrogen bond to DNA

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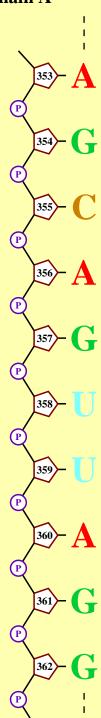


Key

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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

- Nonbonded contact to DNA (< 3.35A)

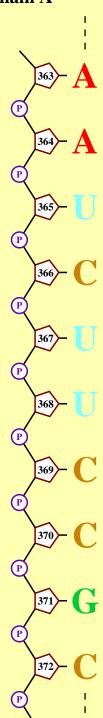


Key

- 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)

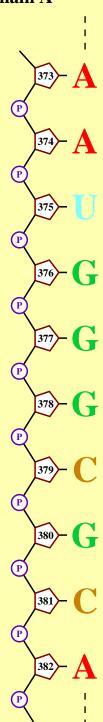


Key

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- P Phosphate group
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Hydrogen bond to DNA

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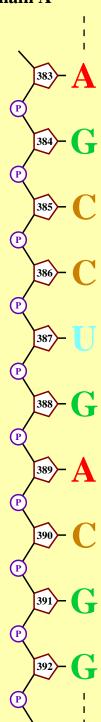


Key

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 - * Residue/water on plot more than once

Hydrogen bond to DNA

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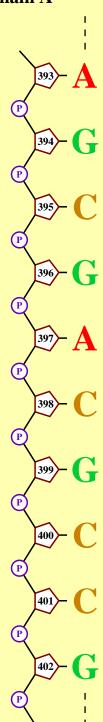


Key

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- P Phosphate group
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Hydrogen bond to DNA

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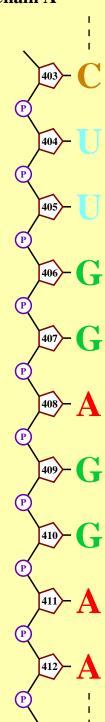


Key

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Hydrogen bond to DNA

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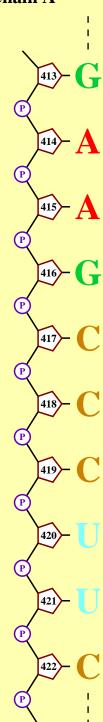


Key

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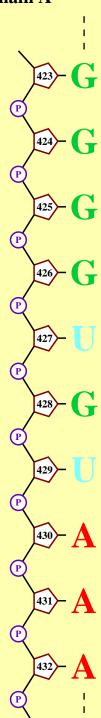


Key

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Hydrogen bond to DNA

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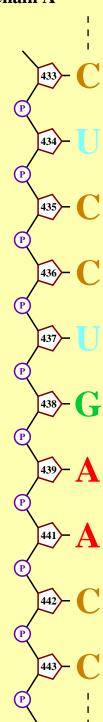


Key

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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

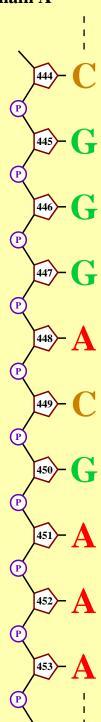


Key

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Hydrogen bond to DNA

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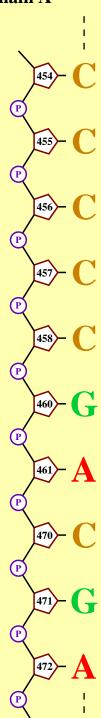


Key

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Hydrogen bond to DNA

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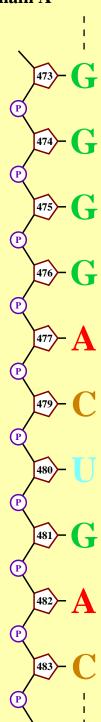


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Hydrogen bond to DNA

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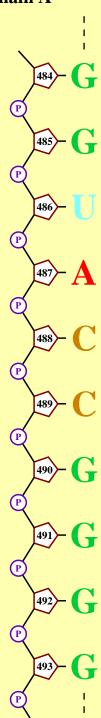


Key

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Hydrogen bond to DNA

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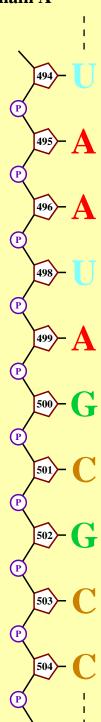


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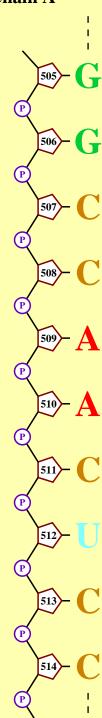


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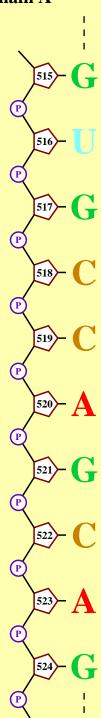


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Hydrogen bond to DNA

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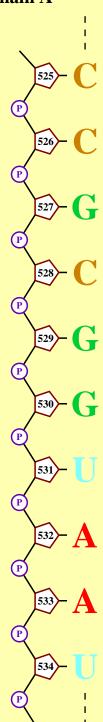


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Hydrogen bond to DNA

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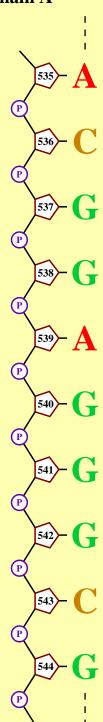


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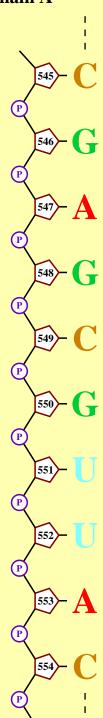


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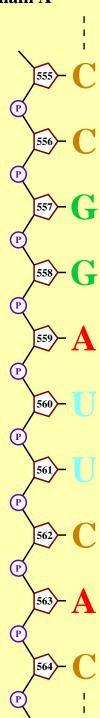


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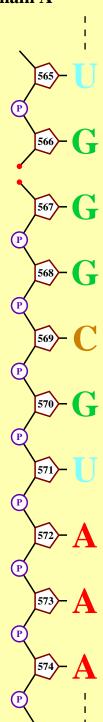


Key

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Hydrogen bond to DNA

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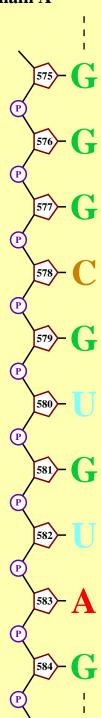


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- Phosphate group
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Hydrogen bond to DNA

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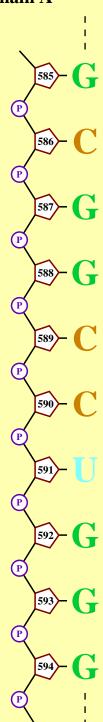


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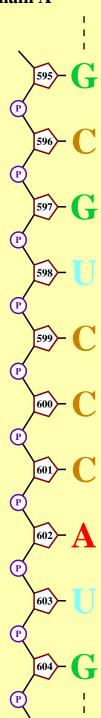


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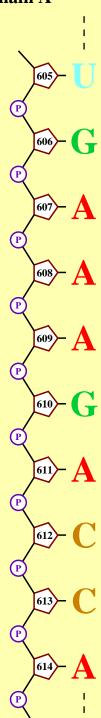


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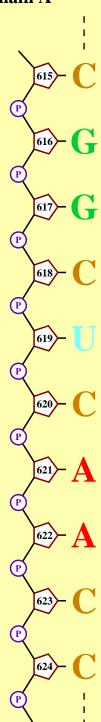


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- Nonbonded contact to DNA (< 3.35A)

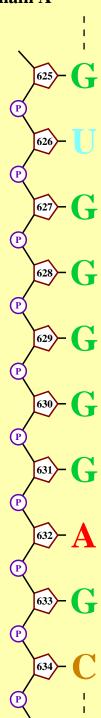


Key

- 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)

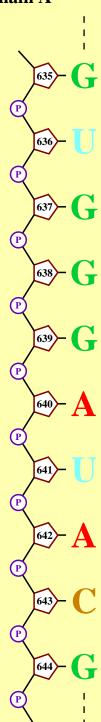


Key

- 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)

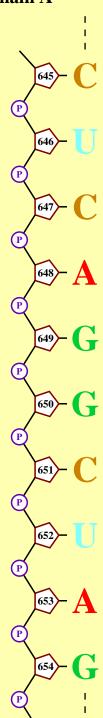


Key

- 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)

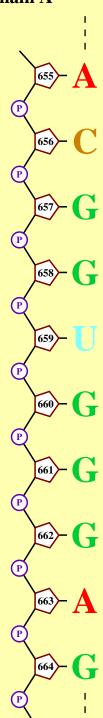


Key

- 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)

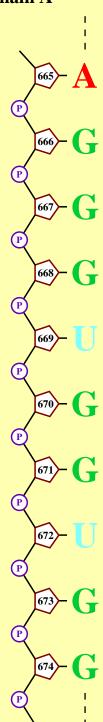


Key

- 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)

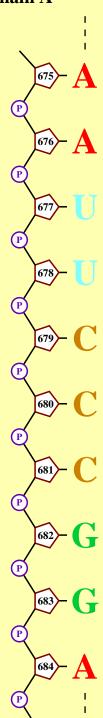


Key

- 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)

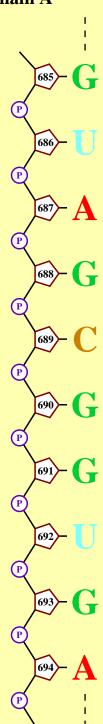


Key

- 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)

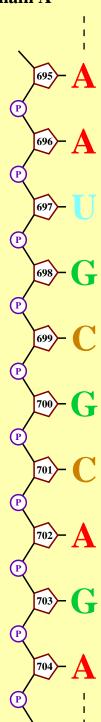


Key

- 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)

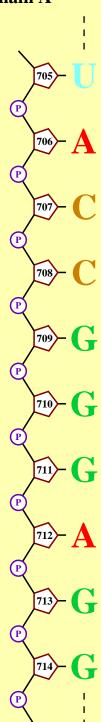


Key

- 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)

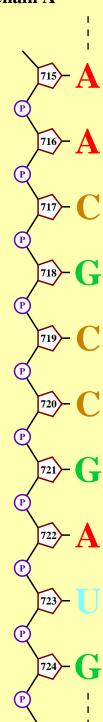


Key

- 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)

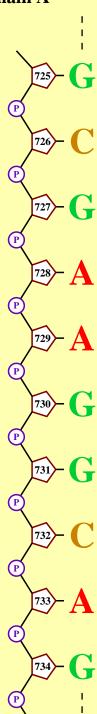


Key

- 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)

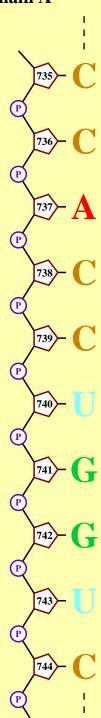


Key

- 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)

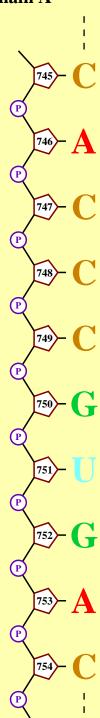


Key

- 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)

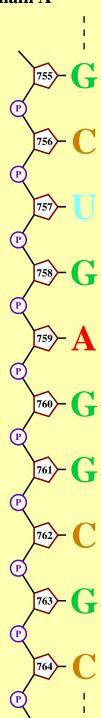


Key

- 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)

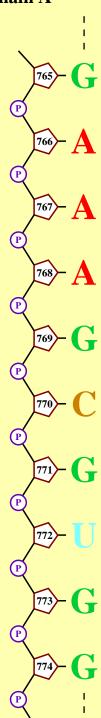


Key

- 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)

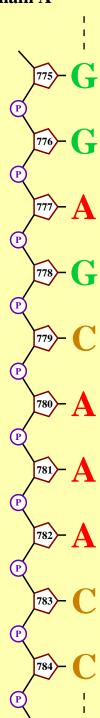


Key

- 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)

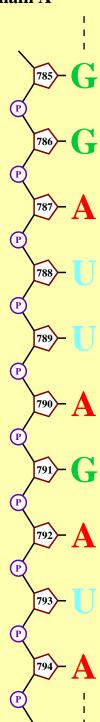


Key

- 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)

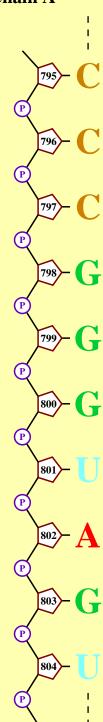


Key

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

Hydrogen bond to DNA

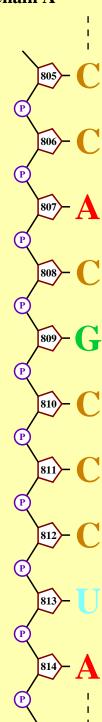
- Nonbonded contact to DNA (< 3.35A)



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)

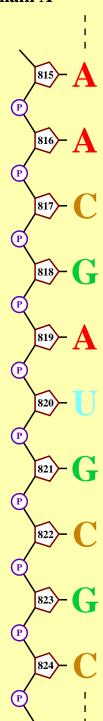


Key

- 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)

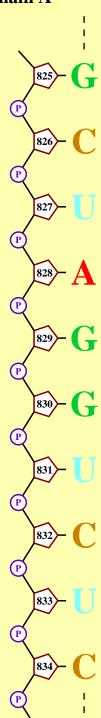


Key

- 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)

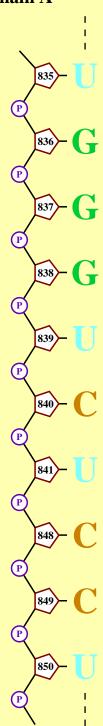


Key

- 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)

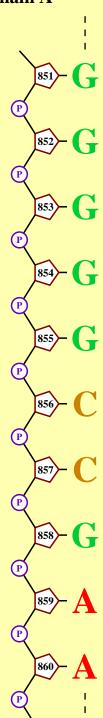


Key

- 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)

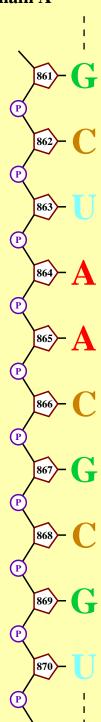


Key

- 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)

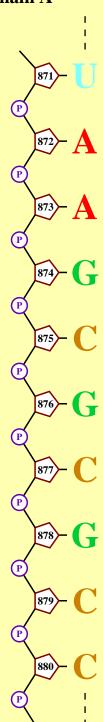


Key

- 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)

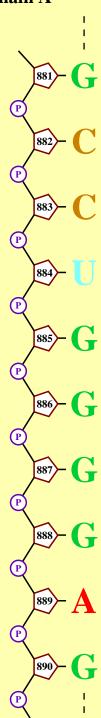


Key

- 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)

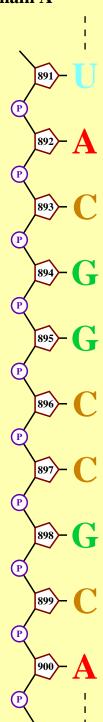


Key

- 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)

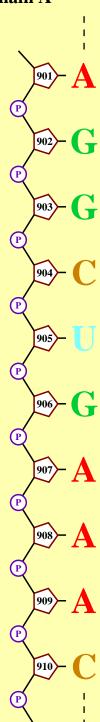


Key

- 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)

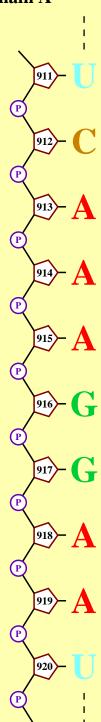


Key

- 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)

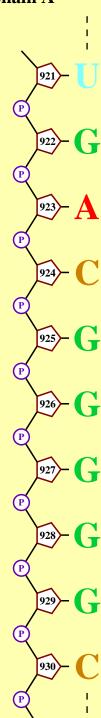


Key

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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

- Nonbonded contact to DNA (< 3.35A)

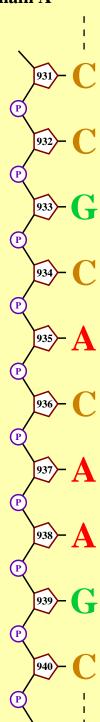


Key

- 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)

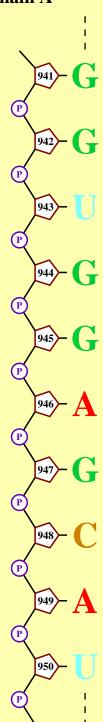


Key

- 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)

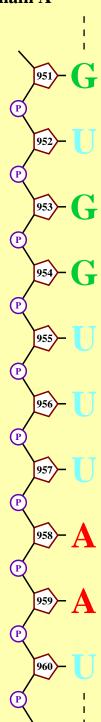


Key

- 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)

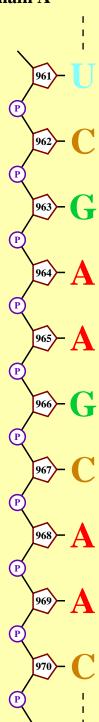


Key

- 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)

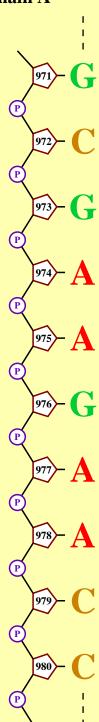


Key

- 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)

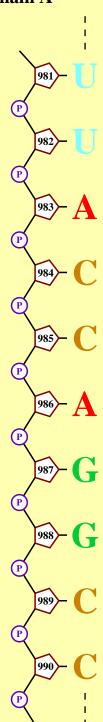


Key

- 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)

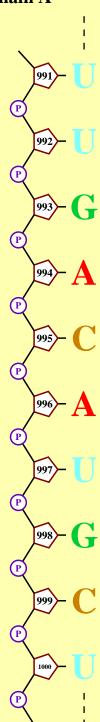


Key

- 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)

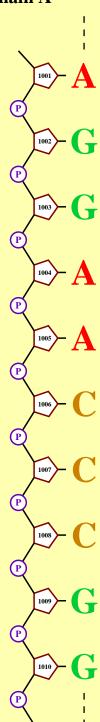


Key

- 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)

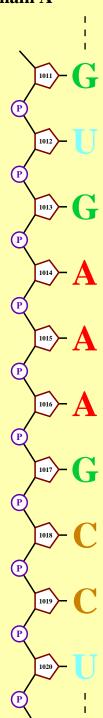


Key

- 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)

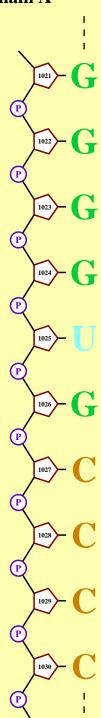


Key

- 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)

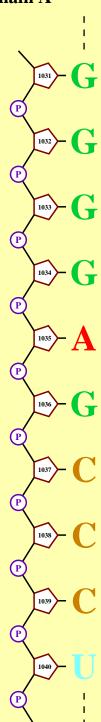


Key

- 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)

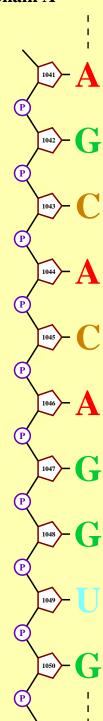


Key

- 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)

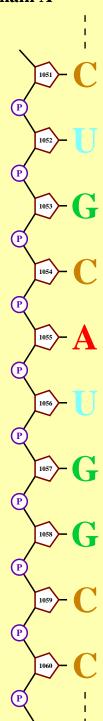


Key

- 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)

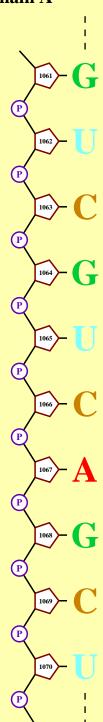


Key

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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

- Nonbonded contact to DNA (< 3.35A)

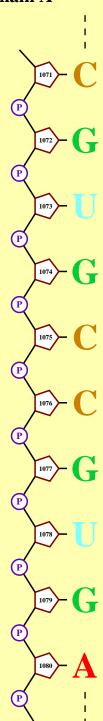


Key

- 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)

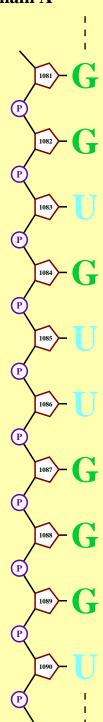


Key

- 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)

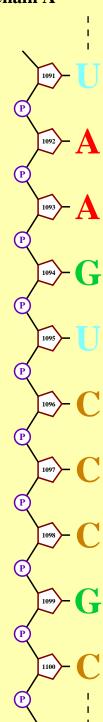


Key

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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

- Nonbonded contact to DNA (< 3.35A)

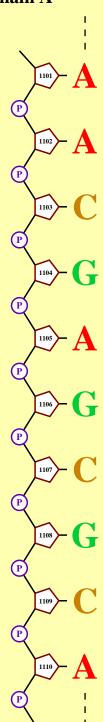


Key

- 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)

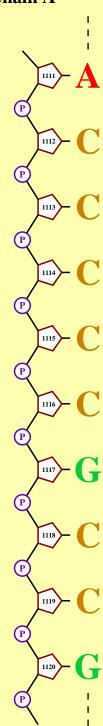


Key

- 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)

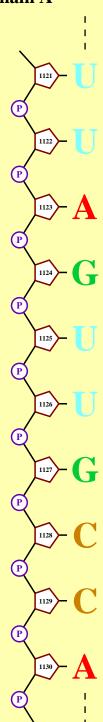


Key

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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

-- Nonbonded contact to DNA (< 3.35A)

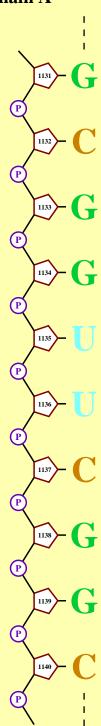


Key

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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

-- Nonbonded contact to DNA (< 3.35A)

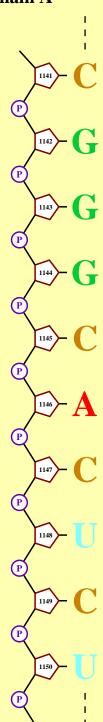


Key

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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

- Nonbonded contact to DNA (< 3.35A)

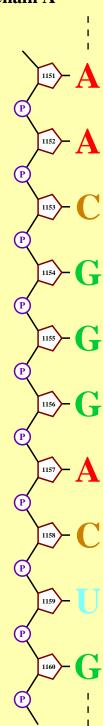


Key

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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

-- Nonbonded contact to DNA (< 3.35A)

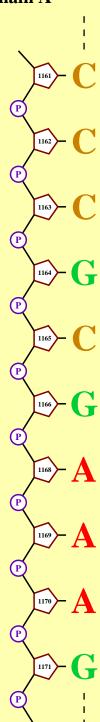


Key

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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

- Nonbonded contact to DNA (< 3.35A)

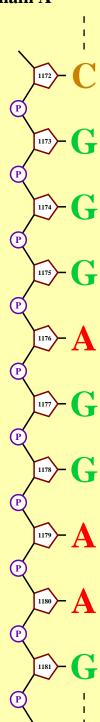


Key

- 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)

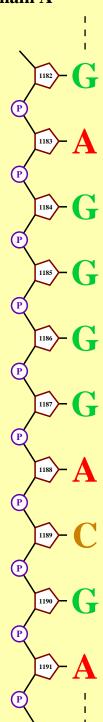


Key

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- P Phosphate group
 - * Residue/water on plot more than once

Hydrogen bond to DNA

-- Nonbonded contact to DNA (< 3.35A)

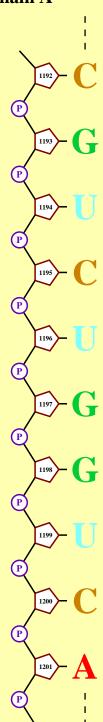


Key

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 - * Residue/water on plot more than once

Hydrogen bond to DNA

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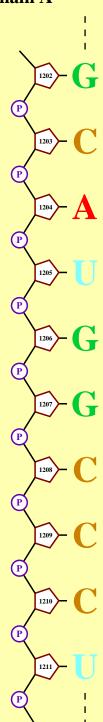


Key

- 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)

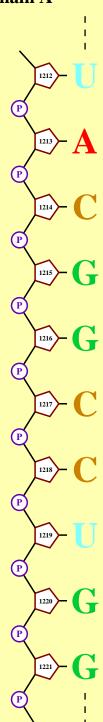


Key

- 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)

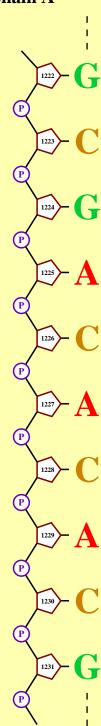


Key

- 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)

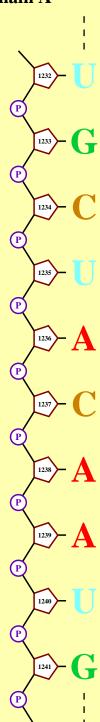


Key

- 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)

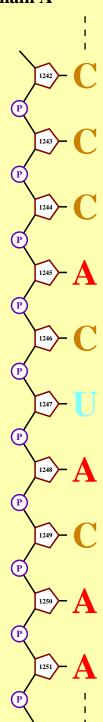


Key

- 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)

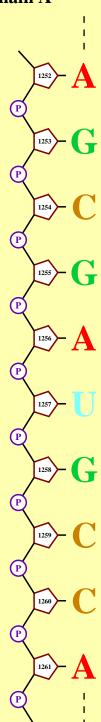


Key

- 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)

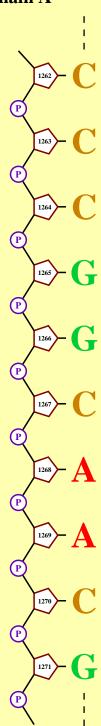


Key

- 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)

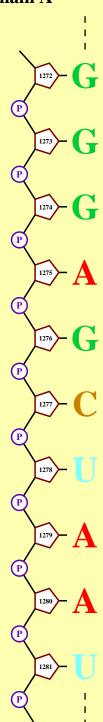


Key

- 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)

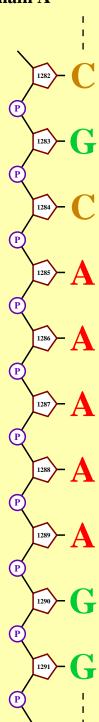


Key

- 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)

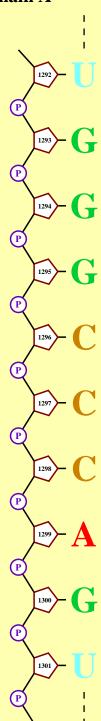


Key

- 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)

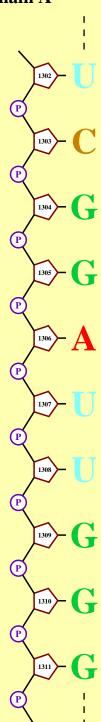


Key

- 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)

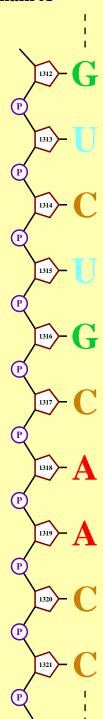


Key

- 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)

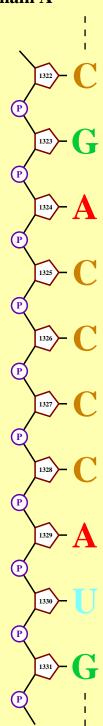


Key

- 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)

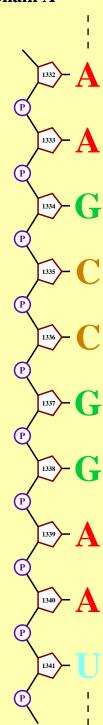


Key

- 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)

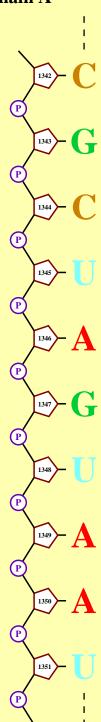


Key

- 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)

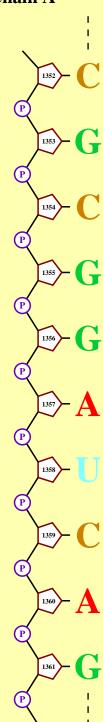


Key

- 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)

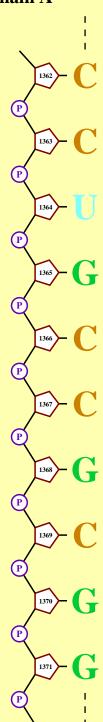


Key

- 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)

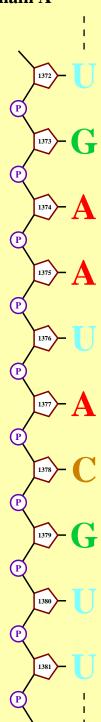


Key

- 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)

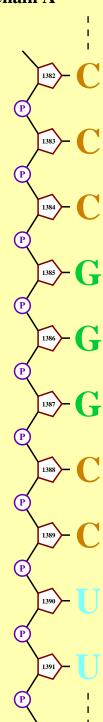


Key

- 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)

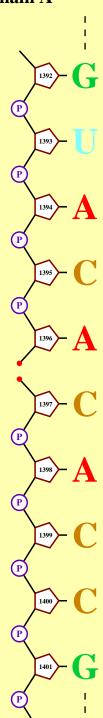


Key

- 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)

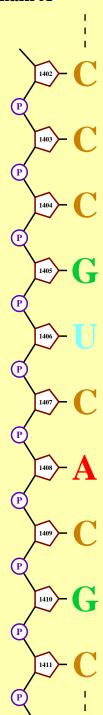


Key

- 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)

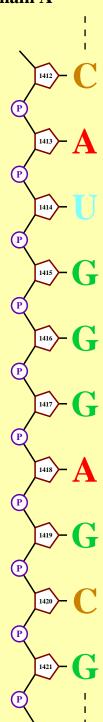


Key

- 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)

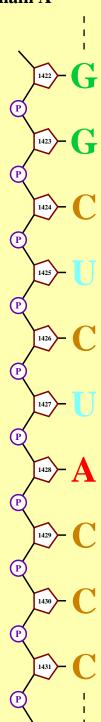


Key

- 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)

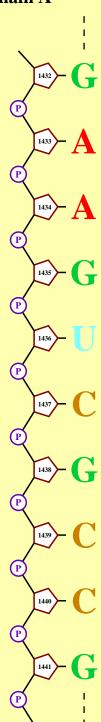


Key

- 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)

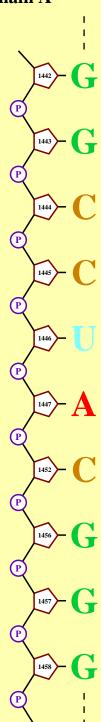


Key

- 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)

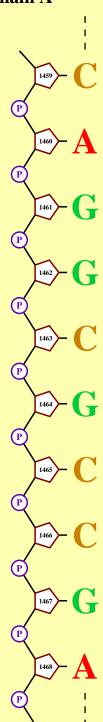


Key

- 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)

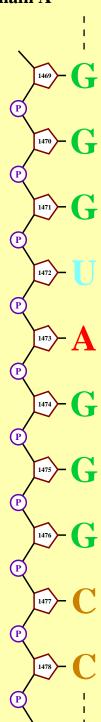


Key

- 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)

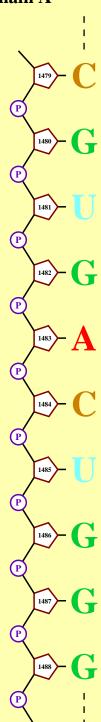


Key

- 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)

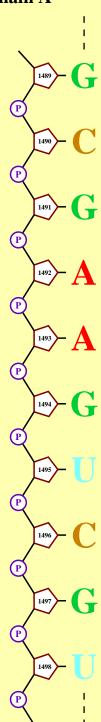


Key

- 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)

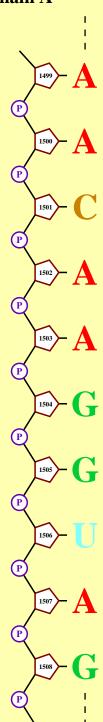


Key

- 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)

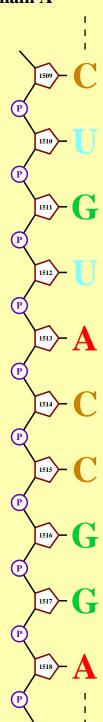


Key

- 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)

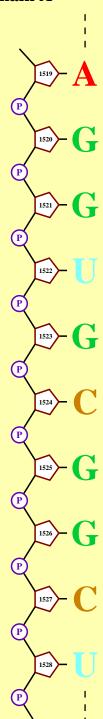


Key

- 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)

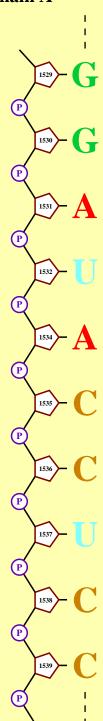


Key

- 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)

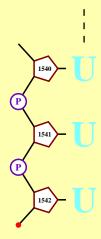


Key

- 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)

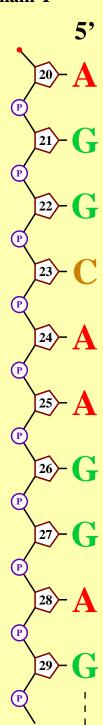


Key

- 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

Chain Y



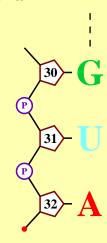
Key

- 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)

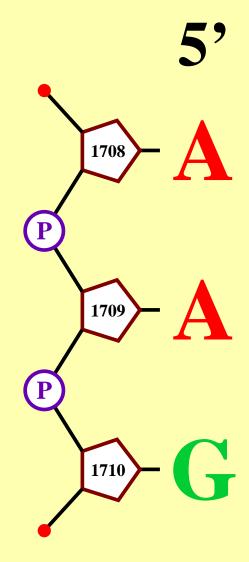
Chain Y



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)
Water molecule and number



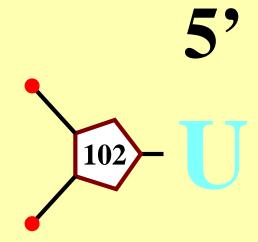
Key

- 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)

Chain W

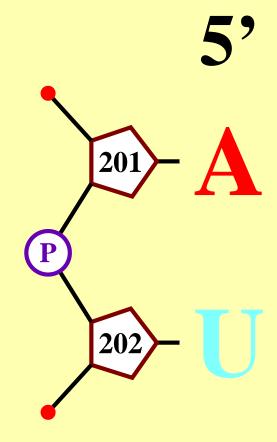


Key

- 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 |

Chain X



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)