

classmate

Date
Page DAG Nucleotide: Pentose sugar H3Pay / PO3 Seory Ribore Jugar (DNA)

Purione (OAdenine (Phosphate group)

Ribore Jugar (RNA)

Pyrimidine (O Cytorine (O Thymine (F) 7 (only in DNA)

Thymine (F) 7 (only in DNA) Stauctures: Sugar Phosphate 11 HO-P-OH No Base HOHE OH

OH OH

Putose sugar HOHE OH OH H Deonysibose ugar In Sugar: Ribose hers OH in 2'carbon Deoxyribose does not have H in 2'carbone In No base: Purine -> Adenine & Guanine

Pyrimidine -> Cytosine, Wracil, Thymine
(RNA) (DNA) Phosphate: - Common to both DNA & RNA

Nucleoside: Nuderide (Phosphate group absent) N. Borse Parise Wase bonds with Pentere regar at 1°C.

1'-> | Prime, 2'-> 2 Brime

12 Boese (Pupp) -> 3/ OH absent; Franzishere sugar

Joins with 9th Nibragen Joins with 1' Nitragen Numbering is anti-clockwise

NCN -> CCC -> NCN Rostose Sugar & Muleoside Sond Nucleoside Sugar + Ny Base Pyrimidine: - 3' 3' Numbering is dockwise NCN -> CCC OH O 1'- I glyoridie Bend

Beory ribox sugar In Parine, Sugar bonds with the it at 9 (9 prime) position In Pyrimidine, Jugar bands with it at 1 (1 prime) position

classmate > Nucleoside General Ny Base + Sugar > Adenosine + (3) Purine of B Juanire > guandine + (5) >, Cytidine (3) (OGytosine Pyrimidine & Uracil > Uridine (3) > Thymidine ( Thymine (3) Note: ) brasil -> in RNA & Thymine -> in DNA 2) For Parine: Ade + nosine = Adenosine Jua + nosine = guarosine For Pyrimidee - Cyte + idine = Cyterdine
Wr + idine = Uridine
Thym + idine = Thymidine DNA V/S Nachoside (in DNA) Nachoside (in RNA) RNA deoxy adenosine adenosine guanosine deory cytistine 3x > wascilabrent in DNA deory thymidine cytadine uridine of thymine about deany added prior to newlesside name





