

DNA Structure and Replication

What is genetic information storage based on?

Why?

Chromosomes store genetic info in the condensed form. It contains the genetic blueprint for life. The sequence of genes (specific segments) determines what traits will be expressed (controlled) resulting in that. Chromosomes store structure of DNA (double helix) for replication accuracy.

Answer for Q6



Q. What is this diagram? What is?

Q1. Helix structure of DNA is maintained?

Phosphate. Sugar-phosphate sugar-phosphate backbone

Q2. Intermolecular forces is found in nucleic acids?

Hydrogen bonds

Q3. Which nucleotide component contains nitrogen?

Nitrogenous nitrogenous bases

Q4. Which base has nitrogenous bases present in RNA?

Adenine, Uracil, Guanine, Cytosine

Q. What is the structure of a nucleosome? A nucleosome is a repeating unit of DNA.

How Is Genetic Information Stored And Copied Pogil

Shasha Hu



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and small sample demand compared to the conventional liquid phase extraction herein solid phase extraction methods are systematically reviewed to outline research progress and explore additional solid phase

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