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General Questions

Practice Questions

Q1. Which process directly follows transcription in the central dogma?

A. Replication
B. Translation
C. Splicing
D. Translocation

Solution: Translation directly follows transcription, where the mRNA is translated into a polypeptide chain at the ribosome.

Q2. What is a key difference between DNA and RNA?

A. DNA is single-stranded, RNA is double-stranded
B. RNA contains uracil instead of thymine
C. DNA is found in the cytoplasm, RNA is found in the nucleus
D. RNA is more stable than DNA

Solution: RNA contains uracil (U) in place of thymine (T), which is found in DNA, making this a key difference between the two nucleic acids.

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