



SoulShift - Educational Q&A Platform

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.



