

Which choice below best fits in the blank? In \_\_\_ cells, nothing separates the DNA from the ribosomes. Transcription is rapid, and translation is initiated even before mRNA transcripts are finished.

A prokaryotic

B eukaryotic

C cancer

In prokaryotic cells there is no nucleus– the process of transcription is not physically separated from that of translation, as it is in eukaryotic cells.

Answer **A**.

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