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Chapter 10 Structure and Function of DNA

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| **Across****1.** when RNA polymerase reaches the \_\_\_\_\_\_, transcription stops**3.** enzyme responsible for initiation of transcription: RNA \_\_\_\_**4.** the start codon**10.** modifications to mRNA include adding a cap and \_\_\_\_**13.** location on the ribosome where the initiator tRNA binds**15.** single stranded nucleotide**16.** coding regions of RNA that are expressed**17.** transfer of genetic information from DNA into RNA**18.** used x-ray diffraction to determine structure of DNA**19.** special triplet code found on tRNA | **Down****2.** monomers of nucleic acids**5.** during translation, elongation continues until a \_\_\_\_ reaches the ribosome's A site**6.** shape of DNA molecule**7.** 64 \_\_\_\_\_ correspond to 20 different amino acids**8.** production of polypeptide from mRNA**9.** The 'start transcribing' nucleotide sequence in transcription**11.** regions of RNA that are non-coding**12.** ACU in mRNA codes for which amino acid**14.** base pair with adenine in RNA |