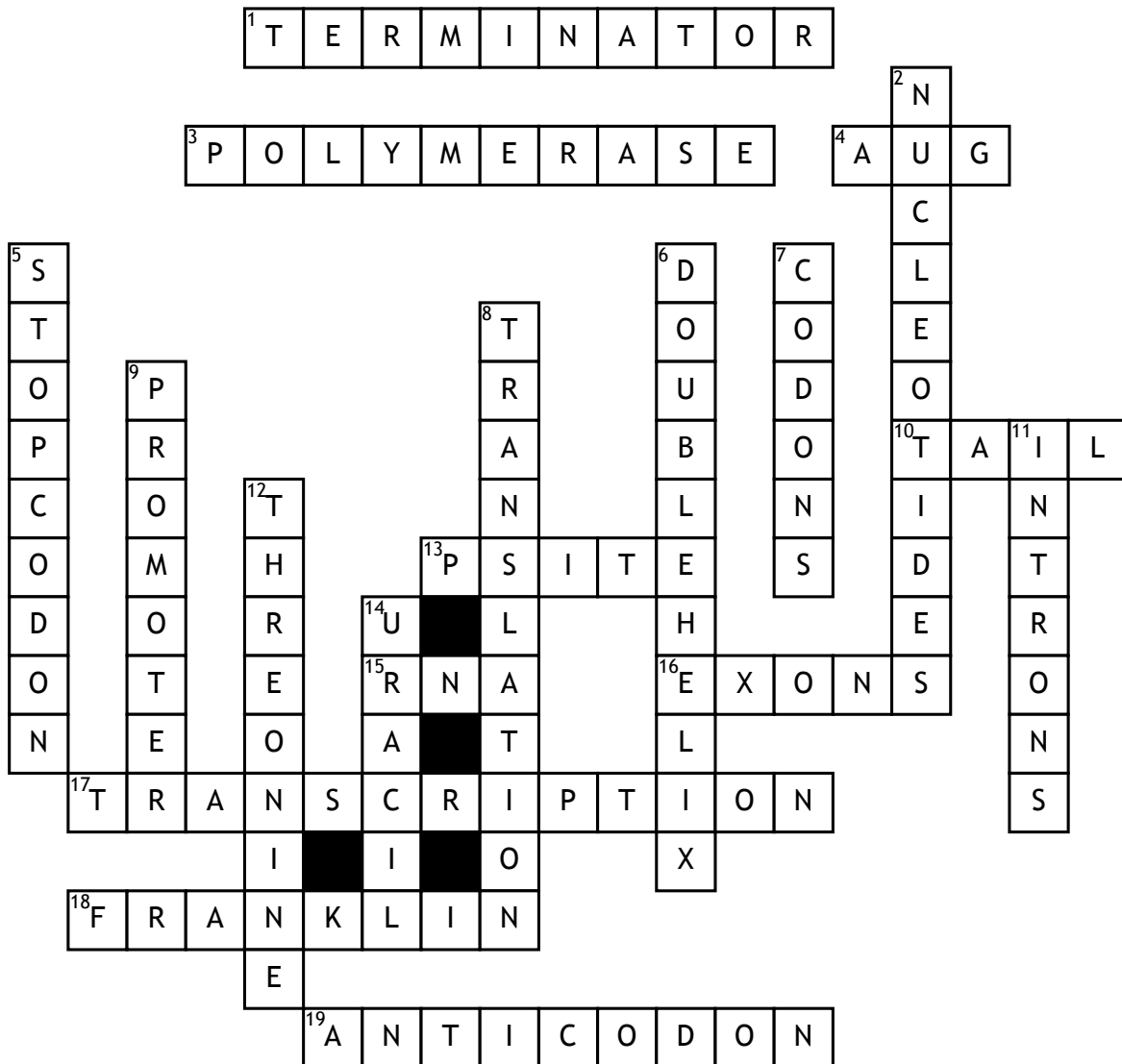


Name: _____

Date: _____

Chapter 10 Structure and Function of DNA



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