

Transcription and Translation

18. (a) Label the diagram below, using the following word list:

amino acid

anticodon

codon

cytoplasm

DNA - coding strand

DNA - template strand

mRNA (transcription)

mRNA (translation)

nuclear membrane

nucleus

nucleotide

peptide

ribosome

RNA polymerase

tRNA with amino acid

tRNA without amino acid

transcription

translation

(b) Label the 5' and 3' ends of all DNA and RNA strands

