

Protein Synthesis Project

1. Use the Constructing Nucleic Acid Instructions to create the nucleic acid poster to decode your sequence of DNA. Make sure you follow all procedures from the instruction packet.
2. Add Protein Synthesis Essay (word processed, essay format, font 12, double line spacing)
 - a) Explain each step in transcription by using the following list of terms.
 - b) Explain each step in translation by using the following list of terms.
 - c) All terms should be used at least one time and **should be highlighted or underlined**, the **first time** they are used in the essays or **where they are best explained**.

Terms (25)

A site
amino acid
anticodon
chain elongation
chain initiation
codon
exons
initiation factor proteins
introns
mRNA
P site
promoter
ribosomes

RNA polymerase
rRNA
spliceosomes
start codon
stop codon
TATA box
terminator sequence
transcription
transcription factor
translation
tRNA

ribozymes