

Protein Synthesis Project

1. Create the nucleic acid poster to decode your sequence of DNA. Make sure you follow all procedures from the lab packet.
2. Make a color key to code each type of compound that appears in your project.
3. Explain each step in transcription by using the following list of terms. (essay or listed as steps)
4. Explain each step in translation by using the following list of terms. (essay or listed as steps)
5. All terms should be used at least one time and should be highlighted, underlined, or superscripted as they are used in the essays.

Terms

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

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