

DNA to Protein Practice Problems

Name _____

Write in the sequences to all DNA, RNA, and protein strands that have not been given to you.

REMEMBER: You will never find any Ts in RNA! Also, the mRNA is created from the DNA template strand.

The Central Dogma Notes

DNA vs. RNA Notes (3 main differences are...)

- 1) DNA complement: ATG/TTA/CGC/GTT/AGG/CAG/TAG
DNA template: TAC/AAT/GCG/CAA/TCC/GTC/ATC
mRNA: _____
Amino Acids (protein): _____
tRNA: _____

- 2) DNA complement: _____
DNA template: TAC/TTT/CGG/ATC/CGG/CGC/GTT/ATT
mRNA: _____
Amino Acids (protein): _____
tRNA: _____

- 3) DNA complement: _____
DNA template: _____
mRNA: AUG/AAU/ACC/GCG/UCG/UAU/GGG/UAA
Amino Acids (protein): _____
tRNA: _____

- 4) DNA complement: _____
DNA template: _____
mRNA: _____
Amino Acids (protein): _____
tRNA: UAC/UAU/CCU/UCC/UCA/UCG/ACC/ACU