

FUNCTION FINDERS BLAST

Worksheet

Translate the DNA sequences to find the matching protein using Uniprotein BLAST search:

DNA sequence 1 **atg aag tca gct att tta acc ggt ttg ctt ttc gtc**

Translated sequence _____

Protein name _____

Organism _____

Protein function _____

DNA sequence 2 **atg agt aaa gga gaa gaa ctt ttc act gga gtc gtt**

Translated sequence _____

Protein name _____

Organism _____

Protein function _____

DNA sequence 3 **gaa aac atg gag aac gat gaa aat att gtg tat ggt**

Translated sequence _____

Protein name _____

Organism _____

Protein function _____

DNA sequence 4 **ggt tgg gct ttg cgg atc atg ttt cta cat ctg tac**

Translated sequence _____

Protein name _____

Organism _____

Protein function _____

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Translate the DNA sequences to find the matching protein using Uniprot BLAST search:

DNA sequence 5 **cct ggg gag aac cta tgc tat aga aag atg tgg tgc**

Translated sequence

Protein name _____

Organism _____

Protein function _____

DNA sequence 6 **ccc aga gag atc cag acc gcc gtg aga ctg tta ctc**

Translated sequence

Protein name _____

Organism _____

Protein function _____

DNA sequence 7 **gag aag aga aag ctg ttt atc cgt tcc atg ggt gaa**

Translated sequence

Protein name _____

Organism _____

Protein function _____

DNA sequence 8 **atg gag ttt act ttg agg caa gag gct tta gtt aat**

Translated sequence

Protein name _____

Organism _____

Protein function _____