

FUNCTION FINDERS

Worksheet

Translate the following sequences and find out what they do:

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

Translated sequence _____

Protein name _____

Protein function _____

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

Translated sequence _____

Protein name _____

Protein function _____

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

Translated sequence _____

Protein name _____

Protein function _____

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

Translated sequence _____

Protein name _____

Protein function _____

DNA sequence 5 **atg gag ctg gcg gcc ttg tgc cgc tgg ggg tta ctc**

Translated sequence _____

Protein name _____

Protein function _____

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Translate the following sequences and find out what they do:

DNA sequence 6 **cct ggg gag aac cta tgc tat aga aag atg tgg tgc**

Translated sequence

Protein name _____

Protein function _____

DNA sequence 7 **ccc aga gag atc cag acc gcc gtg aga ctg tta ctc**

Translated sequence

Protein name _____

Protein function _____

DNA sequence 8 **cca ggt gga gaa aag gag act tcg gct acc cag aga**

Translated sequence

Protein name _____

Protein function _____

DNA sequence 9 **gag aag aga aag ctg ttt atc cgt tcc atg ggt gaa**

Translated sequence

Protein name _____

Protein function _____

DNA sequence 10 **atg agt tct gac tct gag atg gcc att ttt ggg gag**

Translated sequence

Protein name _____

Protein function _____