

Function Finders

Web activity sheet

Translate these sequences to find out their function at:

www.ebi.ac.uk/training/schools/relate/

cgi-bin/decode/relate.cgi?

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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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: _____