

Translate

Translate Tool - Results of translation

[Open reading frames](#) are highlighted in red. Please select one of the following frames - in the next page, you will be able to select your initiator and retrieve your amino acid sequence:

5'3' Frame 1

XXXXXXXXWSTHGYSQQWCF **Stop** AYCCWEVLHHRKGFHFSAYCRPSAVRRT
 SSVPG **Stop Stop** KHCWTLATR **Stop** PSSVPTR **Stop R Met** HRPVCIGTFYSQIWR
 PPTVSPGRICSSTKVHRT **Stop** WSSTWCTVRLAHKRRKHCCSTQRWWS **Stop**
 CSPASGLTPSSWNRSPARCCTGWRNISVDSCLCSRRSVRPCGRTSWSVR
 RTRTRTFRTPS **Stop** ATRTRCRSGSGSRTHSSA **Met** RTSCTTGACFCPSRKR
 CTAGSSRTRSSPSSKRSRASGWSR **Stop** INTLR **Stop** ATPTRTHRTWSRSAG
 YRYSRRRSCRRTYRSTSTRRRTA **Stop** STSRWVRC **Stop** RAATSRRRTSGPRS
Stop TCSGG **Stop** RRT **Stop** SGSTRTTACTRSHRTC **Stop** SRRGCRRATFWPIRR
Stop SCSSRTAVCSGRPRACTTASRWLAFRFTAIRSSIWPGPNRPGTA **Stop** S
 SITTRSARKRSRPPFGRCWTVRRTASAPGSSPTGTAINRSVPPRLRSTGW
 STYCAIRVPRSYSRPPCGCPSSTICWTCTRLWVRSLYQC **Stop** LGRG **Stop** C
 CGHC **Stop** PAEQTLEKKKPNQIRQFGNVPK **Met** LERKWAG

5'3' Frame 2

XXRXXDGAHTATLSSGASRPTAAGKCSSTIARGTNSRHTAVRRPFALHHRC
 RADESTAGRWPRGDHRQSLPDEGCTGRSASGHSTPRSGDLPRCLRAGSV
 PVQKCTEPDGPLPGVQ **Stop** DWPTSVGSTAAAPKDGGANAVRRRAV **Stop** RRH
 RGIVRQRGAVRAGGTFRWTVVVCVLAVRCVHVDERAGRYAVPVLVHSAHL
 PELHERDVVLAAVHERTRRPCGQAVLPVRVSAPAGSDVPPVLPEREAHLP
 ANARERPVGVRESTLYAELPPPVRTEHGRDRRDTDTAGEEAAAGGHTEVH
 RRGAARRDLLLDGFDAEGPQLPGGQAGRVRERVPGAEGERDLEVRERQP
 AGQATERADQGVDAERHSGPSEGEAVHHARRSARDDRGPVPRQADGW
 HSDLRRSGAQSGPGRGTGRVREARLRHAQRGNDRGRHSDGAGRSRVRR
 ARPAHLRPVPRSTARSRQGCGLLGGVRTAP **Stop** GCPAATVPVRAVVLRPV
 QSAGRVRGYGCDRFISANWGGVDAAGIANQPSKP **Stop** KKKSQTKFANSA
Met CQRCWRGSGLV

5'3' Frame 3

XXXXX **Met** EHTRLLSAVVLLGLLLLGSAPPSQGARILGILPSVGRSHYIIGAG
 L **Met** KALLDAGHEVTIVSPYP **Met** KDAPAGLHRDILLPDLATSHGVSGPDLFQ
 YKSAPNL **Met** VLYLVYSEIGPQASEALLQHPK **Met** VEL **Met** QSGERFDVAVIVES
 FASEVLYGLAEHFGGQLFVFPFGAS **Met** WTNELVGTYPYPSYIPHTFLSYT
 NE **Met** SFWQRFTNALVGHADKLYRCVFLPQQEA **Met** YRRFFPNAKLTFQQT
 LESVRLAFVNQHFTLSYPHPYAPN **Met** VEIGGIQIQPAKKLPADIQKYIDEAP
 HGVIYFS **Met** GS **Met** LKGRNFPEDKRAAFVNVFRGLKENVIWKYENDSLPDK
 PPNVLIKAW **Met** PQSDILAHPKVKLFITHGGLLGTTEGLYHGKP **Met** VGIPIYG
 DQELNLARAEQAGYGVKLDYDTLSEETIAAAIRTVLDGPAYGERARLISDR
 YRDQPLGPAKAAVYWVEYVLRHKGAPQLQSPSVRLSFVQYNLLDVYAV **Met**
 GAIALSVLIGAGL **Met** LRALLTSRANLRKKKAKPNSPIRQCAKDVGEVGVW
Stop

3'5' Frame 1

SPAHFLSNIFGTLPNWRIWFGFFFSKVCSAG **Stop** QCPQHQPVPN **Stop** H **Stop**
Stop SDRTHNRVHVQQIVLDEGQPHGRGL **Stop** LRGTL **Met** AQYVLHPVDRSL
 GGTERLIAVPVGDEPGALAVRRTVQHRPNGGRDRFLAERVVIELHAVPGL
 FGPGQIELLIAVNRNANHRLAVVQALGRPEQTAVRDEQLHLR **Met** GQNVAL
 RHPRLDQHVRWLVRQAVVLLVLPDHVLLQPPEHVHERGPLVLRVAALQHR
 THREVDHAVRRLVDVLLYVRRQLLRRLYLYPADLDHVRCVRVGVQAQRKVL
 IHERQPDALERLLEGELRVREEPAVHRFLLGQKHAPVVQLVR **Met** ADECVR
 EPLPERHLVRAQEGVRNVRVRVRRDQLVRPHGRTERREHKQLSTE **Met**
 FRQPVQHLAGERFHDDGVKPLAGLH **Stop** LHHLWVLQQCFRRLWANLTVHQ
 VEDHQVRCFTFVLEQIRPGDTVGGRQIWE **Stop** NVP **Met** QTGRCILHRVGTDD
 GHLVASVQQCFHQPGTDDVVRTADGRQYAENSCPLRWWSTSQQQ **Stop** A
Stop KHHC **Stop** E **Stop** PCVLHQXXXXX

3'5' Frame 2

HQPTSSPTSLAHCRIGEFGLAFFFLRFARLVSNARSINPAPISTDKAIAPIT
AYTSSRLYWTKDNRTDGDCSCGAPLWRSTYSTQ **Stop** TAALAGPSG **Stop** SR
YRSE **Met** SRARSPYAGPSSTVR **Met** AAAIVSSLVS **Stop** SSFTYPAC SARAR
LSS **Stop** SP **Stop** IG **Met** PTIGLPWYRPSVVP SRPPCV **Met** NSFTFGWAR **Met** SLC
GIHALISTFGGLSGRLSFSYFQITFSFSPRNTFTNAARLSSGKLRPF SIEPIE
K **Stop** ITPCGASS **Met** YFC **Met** SAGSFFAGCICIPPIST **Met** FGAYGWG **Stop** LSVK
C **Stop** FTNANRTLSSVCWKVSFAFGKNRRYIASCWGRNTHR **Stop** YSLSAWP
TSAFVNRCQNDISFV **Stop** LRKVC **Met** YEYGYGVPTSSFVH **Met** DAPNGENT
NNCPPKCSASPYSTSLANDST **Met** TASNRS PDCISSTIFGCCSSASDACGPI
SLYTR **Stop** RTIRFGALLYWNRSGPETPWEVARSGSR **Met** SRCRPAGASFIG
Stop GLT **Met** VTSWPASSSAFISPAP **Met Met Stop** CERPTDGS **Met** PRIRAPCDGG
ALPSSSRPRSTTAESSRVCSIXXSXXX

3'5' Frame 3

TSPLPLQHLWHIAELANLVWLF **Stop** GLLGWLA **Met** PAASTPPQLALIKRS
HP **Stop** PRTRPADCTGRRTTARTGTVAAGHPYGAVRTPPSRPQPWRDRAV
DRGTGRR **Stop** AGRARRTPDRPAPSEWRPRSFP **Stop** ACRNRASRRTRPV
RPGPD **Stop** APDRRKSECQPSACRGTGPRSSRADRA **Stop Stop** TASP SDGP
ECRSAASTP **Stop** SARSVACPAGCRSRTSRSRSPSAPGTRSRTRPACPPGS
CGPSASNP SRSRRAAPRRCTSVCPAASSPAVSVSRRSRPCSVRTGG
GSSA **Stop** SVDSRTPTGRSRAFAGR **Stop** ASRSGRTGGTSLPAGAETRTGST
ACPHGRRVRS **Stop** TAARTTSRSCSSGRCAECTSTGTAYRPARSSTWTHRT
ARTQTTVHRNVPPARTAPRWRTIPR **Stop** RRQTARRTALAPPSLGAAVLPT
LVGQSHCTPGRGPSVHFCTGTDPARRHGRSPDLGVECPDADRPVHP
SSGRD **Stop** RWSPRGQRPAVLSSARHR **Stop** CSANGRRTAVCREFVPLA **Met** V
EHFPAAVGLEAPLLRVAVCAPSXXXXX