

ORF Finder results

Results for 10009 residue sequence "Untitled" starting "GCTATCGTAG"

>ORF number 1 in reading frame 1 on the direct strand extends from base 16 to base 108.
TTAAAGCGTAACGCTGAAAATGTTAAGATGGGCCCTAGAAAGCTCCGAAAGCACAAAGGC
TTGGTCCTGACTTTTCTGTCAACTCTAACCTAA

>Translation of ORF number 1 in reading frame 1 on the direct strand.
LKRNAENVKMGPRKLRKHGKLVLTFLSTLT*

>ORF number 2 in reading frame 1 on the direct strand extends from base 109 to base 249.
CTTACACATGCAAGTCTCCGCACCCCGTGAGAATGCCCCACAGTTCCCTTCTTGGAAC
AAGGAGCGGGTATCAGGCACAATTCAACGATTAGCCCAAGACACCTTGCTTAGCCACACC
CTCAAGGGAACCTCAGCAGTGA

>Translation of ORF number 2 in reading frame 1 on the direct strand.
LTHASLRTPVRMPHSSLLGNKERVSGTIQRLAQDTLLSHTLKGTTQ*

>ORF number 3 in reading frame 1 on the direct strand extends from base 271 to base 390.
AAACTTGACTTAGTTAAGGTTTCAAGAGGGCCGGTAAACTCGTGCCAGCCACCGCGGTT
ATACGAGAGGCCCAAGCTGACAGACACCGGCGTAAAGAGTGTTAGGAGACATAACGTAA

>Translation of ORF number 3 in reading frame 1 on the direct strand.
KLDLVKVSRRPVKLPATAVIREAQDRHRRKEWLGDIT*

>ORF number 4 in reading frame 1 on the direct strand extends from base 466 to base 585.
ATTCTGAACCCACGAAAGCTAAGGCACAACTGGGATTAGATACCCCACTATGCCTAGCC
TTAAACATTGATGGTCCGCTACCTAAGCCATCCGCCCGGGAACACGAGCATTAGCTTAA

>Translation of ORF number 4 in reading frame 1 on the direct strand.
ILNPRKLRHKLGLDTPLCLALNIDGPLPKPSARELRALA*

>ORF number 5 in reading frame 1 on the direct strand extends from base 613 to base 714.
ATCCACCTAGAGGAGCTGTTCTAGAACCATAACCCCGTTCAACCTCACCTTTCCTTG
TTCAACCCGCCTATATACCACCGTCGTCAGCTTATCCTGTGA

>Translation of ORF number 5 in reading frame 1 on the direct strand.
IHLEEPVLEPITPVQPHLSLFNPPIYHRRQLIL*

>ORF number 6 in reading frame 1 on the direct strand extends from base 1033 to base 1134.
CTAAGACAGAAAAGCATCTCCCTTACACCGAGAAGTCATCCGTGCAAATCGGATTACCCT
GAAACCCAACAGCTAGCCTACCCAAATAAAATCAACGAATAA

>Translation of ORF number 6 in reading frame 1 on the direct strand.
LRQKSISLTPRSHPKSDYPETQQLAYPNKINE*

>ORF number 7 in reading frame 1 on the direct strand extends from base 1837 to base 2043.
GTGTACATCGGAACGAACCCACACCGAACATTAACGGCCCCAATTAAAGAGGGAAATGAC
AACAACAGAGATAACAAGAAAAATGCTCAAACAACACCGTTAACCCCACTGGAATGC
TTTCAAGGAAAAACTAAAAGGAAAAAGAACTCGGCAAACACAAGCCTCGCCTGTTTA
CCAAAAACATCGCCTCTTGCAAACTAA

>Translation of ORF number 7 in reading frame 1 on the direct strand.
VYIGTNPHRTLTAPIKEGNDNNRDNKKNAQTTTVNPTLECFQGKTKRKRNSANTSLACL
PKTSPLAN*

>ORF number 8 in reading frame 1 on the direct strand extends from base 2227 to base 2433.
GAACATAAGACGAGAAGACCCTATGGAGCTTTAGGCGACGGACAGACTGTACTAAATAAC
CCTTATGAAGGAACAAAGCATACAATTATTAAACCTGTCCTAATGCCTTTGGTTGGGGCG
ACCGCGGGGAAACAAAAACCCCAACGTTGGAATGGGATAACCTGTCCTCAAACAAGAGC
CCCCGCTCTAAAAACAGAACATCTGA

>Translation of ORF number 8 in reading frame 1 on the direct strand.
EHKTRRPYALGDGQTVLNNPYEGTKHTIIKPVLMPLVGATAGKQKTPTWNGITCPPNKS
PRSKKQNI*

>ORF number 9 in reading frame 1 on the direct strand extends from base 2485 to base 2598.
CAGCGCAATCCCCTTATAGAGCCCATATCGACAAGGGGGTTTACGACCTCGATGTTGGAT
CAGGATATCCTAATGGTGCAGCCGCTATTAAGGGTTCGTTTGTTCACGATTAA

>Translation of ORF number 9 in reading frame 1 on the direct strand.
QRNPLIEISTRGFTTSMQDILMVQPLLRVRLFND*

>ORF number 10 in reading frame 1 on the direct strand extends from base 2632 to base 2730.
TCCAGGTCGGTTTCTATCTATGACGCAATCCTTTTTTCAGTACGAAAGGACCAAAAAGAAG
AGGCCCTGTTACAAACACGCCTCACCCCAACTCGCTGA

>Translation of ORF number 10 in reading frame 1 on the direct strand.
SRVSIYDAILFQYERTKKKRPLLQTRLTPTR*

>ORF number 11 in reading frame 1 on the direct strand extends from base 2821 to base 3132.
GCCCTTTCTACAGAGGTTCAAGTCTCTCCTTAATTATGATCTCAACCCTTATTACCCAC
GTGATCTCCCCCTGGCTTTCATCGTCCCTATTCTTCTGGCAGTAGCCTTCCTCACCTTA
GTTGAACGTAAAGTATTAGGCTACATGCAACTACGAAAAGGGCCAAATGTTGTAGGTCCA
TATGGACTCTTACAACCAATCGCAGACGGGGTAAAACCTTTTCATTAAAGAGCCCGTACGA
CCATCCACATCTTCCCCACTACTATTCTTATTAACCCCGATACTTGCTCTAACACTAGCA
ATAACCCTATGA

>Translation of ORF number 11 in reading frame 1 on the direct strand.
ALSTEVQVLSLIMISTLITHVISPLAFIVPILLAVAFLLVERKVLGYMQLRKGPNNVGP
YGLLQPIADGVKLFKEPVRPSTSSPLLFLLTPIALTLAIDL*

>ORF number 12 in reading frame 1 on the direct strand extends from base 3133 to base 3237.
GCCCCATACCCATACCATATCCTGTAGTCGACCTCAATCTGGGGATCCTATTTGTCCTT
GCCCTATCAAGCCTGGCAGTGACTCTATTCTAGGCTCAGGCTGA

>Translation of ORF number 12 in reading frame 1 on the direct strand.
APIPIYPVVDNLGILFVLALSSSLAVYSILGSG*

>ORF number 13 in reading frame 1 on the direct strand extends from base 3238 to base 3393.
GCATCCAACTCAAAATATGCCTTAATTGGAGCCCTACGAGCAGTAGCACAAACCATTTCC
TATGAAGTAAGCCTCGGCTAATTCTCCTCTGTATAATTATCTTTACAGGGGGATTACC
CTCCAAACATTCACTACTGCCCAAGAAAGCATTTGA

>Translation of ORF number 13 in reading frame 1 on the direct strand.
ASNSKYALIGALRAVAQTISYEVSLGLILLCIIIFTGGFTLQTFSTAQESI*

>ORF number 14 in reading frame 1 on the direct strand extends from base 3412 to base 3690.
CCAATGGCCGCCATATGGTTTATTTCAACACTAGCAGAAACCAACCGAGCCCTTTTCGAC
CTAACCGAAGGTGAATCCGAATTAGTATCAGGATTTAATGTAGAGTATGCCGGAGGCCCT
TTCGCCCTTGTCTTCTAGCGGAATATGCTAACATTCTACTCATAAATACACTATCCGCA
ATTCTATTTCTAGGAGCCTCCACATCCCTCACTACCAGAACTCACCTCATTTAATTTA
ATAACAAAAGCAGCCTTCTCTCGATTGCCTTTCTATGA

>Translation of ORF number 14 in reading frame 1 on the direct strand.
PMAAIWFISTLAETNRPFDLTEGESELVSGFNVEYAGGPFALFFLAEYANILLINTLSA
ILFLGASHIPSLPELTSFNLIITKAAFLSIAFL*

>ORF number 15 in reading frame 1 on the direct strand extends from base 3691 to base 3783.
GTCCGAGCCTCGTACCCACGGTTCGATACGACCAACTAATACACCTAATCTGGAAAAAC
TTCTACCCCTCACCTAGCCCTGATCGTATGA

>Translation of ORF number 15 in reading frame 1 on the direct strand.
VRASYPRFRYDQLIHLIWNFLPLTLALIV*

>ORF number 16 in reading frame 1 on the direct strand extends from base 3874 to base 4125.
AGTGAAACACGGGGTTAAATCCCCCAACTCCTTAGAAAGAAGGGACTCGAACCTAC
CCGGAGAGATCAAACTCTCAGTGCTTCCACTACACCACTTCCTAGTAAAGTCAGCTAAA
TTAAGCTTTTGGGCCATACCCCAACATGTTGGTTAAATCCTTCCCTTACTAATGAGT
CCTTACATCTTAGCCACCTTACTATTAGCTTAGGCTTAGGAACCACAATCACATTCTATA
AGTCCCACTGA

>Translation of ORF number 16 in reading frame 1 on the direct strand.
SETRGLKSPQLLRKKGLEPYPERSKLSVLPLHHFLVKSALSFWAHTPNMLVKILPLLMS
PYILATLLFSLGLTTITFISSH*

>ORF number 17 in reading frame 1 on the direct strand extends from base 4138 to base 4284.
ATGGGCCTAGAAATTAACACCCTGGCCATTATTTCCCTAATAACACATCAGTACCACCCC
CGAGCGATCGAAGCTGCCACAAAATATTTTTTAGCCCAAGCTACAGCCGCCGCAACCCTT
ATATTCGCTAGCACAAACAAATGCATGA

>Translation of ORF number 17 in reading frame 1 on the direct strand.

MGLEINTLAIPLITHQYHPRAIEAATKYFLAQATAAATLIFASTTNA*

>ORF number 18 in reading frame 1 on the direct strand extends from base 4300 to base 4389.
GATATTCAACAAATATCCCACCCCTTACCAGTCACAATAATTACTATTGCCCTCGCCTTA
AAGCTTGGCCTAGCCCCACTACACTCTTGA

>Translation of ORF number 18 in reading frame 1 on the direct strand.
DIQQISHPLPVTIITIALALKLGLAPLHS*

>ORF number 19 in reading frame 1 on the direct strand extends from base 4447 to base 4545.
CAAAAACCTTGCCCTTTTGCCCTATTATTGCAAACACAACCAACCACTCAAACCTACTT
ATTTTCCTTGGAATTACGTCTACCCCTTGTAGGGGGTTGA

>Translation of ORF number 19 in reading frame 1 on the direct strand.
QKLAPFALLLQTPNTSNLLIFLGLTSTLVGG*

>ORF number 20 in reading frame 1 on the direct strand extends from base 4546 to base 4746.
GGAGGACTAAACCAACACAACCTACGAAAAATCCTAGCCTACTCCTCAATCGCGCACTTA
GGATGGATGGTATTAATCATTCAATTCTCCCCATCCCTAACACTCCTAACATTAATTACA
TACCTGACTATAACCACCGCAACATTCTAGTTTTTAAATTAAACACCTCCACTAACATT
AATACCCTAGCCACCTCTTGA

>Translation of ORF number 20 in reading frame 1 on the direct strand.
GGLNQTLRKILAYSSIAHLGWMVLIIQFSPSLTLLTLITYLTITTATFLVFKLNTSTNI
NTLATS*

>ORF number 21 in reading frame 1 on the direct strand extends from base 4747 to base 4836.
GCAAAAACCCCACTACTTACCTCCCTCACCCCTAGTACTCTCTACTAGGAGGTCTC
CCCCCTCTAACAGGCTTCATGCCGAAATGA

>Translation of ORF number 21 in reading frame 1 on the direct strand.
AKTPVLTSLTPLVLLSLGGLPPLTGMPK*

>ORF number 22 in reading frame 1 on the direct strand extends from base 4837 to base 4989.
CTCATTCTCCAAGATTAACAAAACAAGACCTAGCCCTACCCGCCACACTAGCGGCACTA
ACCGCACTATTAAGCCTGTACTTTTACCTCCGAATTACCTACGCATCCACCCTAACAATT
TCTCCCAACACCCCAACAGGAACCAACCCCTGA

>Translation of ORF number 22 in reading frame 1 on the direct strand.
LILQELTKQDLALPATLAALTALLSLYFYLRITYASTLTISPNTPTGTP*

>ORF number 23 in reading frame 1 on the direct strand extends from base 4990 to base 5094.
CGACTCCAATCTACACAATCAACACTCCTATTAACCGCCACCACAACCGCTACAATCTGC
CTCCTTCCACTTACACCCGCTCTAATAGCACTCCTCACTACCTAG

>Translation of ORF number 23 in reading frame 1 on the direct strand.
RLQSTQSTLLLTATTTATICLLPLTPALIALLT*

>ORF number 24 in reading frame 1 on the direct strand extends from base 5365 to base 5544.
TCTGCTTCTTCAGATTTGCAATCTGAAATGTTAAATACACCTCAGGGCTGGCAAGAAGAG
GACTTGAACCTCTGTACATGGGGCTACAATCCACCGCTTAACCCTCAGCCATCTTACCCG
TGGCAATTACACGTTGATTCTTCTCAACTAACCATAAAGACATCGGCACCCTTTACCTAA

>Translation of ORF number 24 in reading frame 1 on the direct strand.
SASSDLQSEMLNTPQGWQEEDLNLCTWGYNPPLNPQPSYPWQLHVDSSQLTIKTSAPFT*

>ORF number 25 in reading frame 1 on the direct strand extends from base 6130 to base 6222.
ATACCACATTTTTTGACCCTGCCGGAGGTGGAGACCCGATCCTCTATCAACACTTATTCT
GATTCTTCGGCCACCCAGAAGTCTACATTCTGA

>Translation of ORF number 25 in reading frame 1 on the direct strand.
IPHFLTLPEVETRSSINTYSDSSATQKSTF*

>ORF number 26 in reading frame 1 on the direct strand extends from base 6439 to base 6534.
AAGTATTTAGCTGACTGGCCACGCTACATGGGGGTGCAATCAAATGAGAACTCCACTAC
TATGAGCCCTGGGCTTTATCTTCTATTTACAGTAG

>Translation of ORF number 26 in reading frame 1 on the direct strand.
KYLADWPRYMGVQSNEKLHYYEPWALSSYLQ*

>ORF number 27 in reading frame 1 on the direct strand extends from base 6634 to base 6732.
GAGCCGTCTTCGCCATTGTCGCTGCTTTTCGTCCACTGATTCCCACTATTCTCTGGTTATA
CCCTTCATAATACTTGAACAAAAATCACTTTGGAGTAA

>Translation of ORF number 27 in reading frame 1 on the direct strand.
EPSSPLSLLSSTD SHYSLVIPFIILEQKFTLE*

>ORF number 28 in reading frame 1 on the direct strand extends from base 6754 to base 6861.
CATTCTTCCCCAACACTTCCTCGGCCTTGCAGGAATACCTCGACGCTACTCAGATTACC
CCGATGCTTACACCTATGAAACACAGTGTCTTCAATTGGGTCTTTAG

>Translation of ORF number 28 in reading frame 1 on the direct strand.
HSSPNTSSALQEYLDATQITPMLTPYETQCLQLGL*

>ORF number 29 in reading frame 1 on the direct strand extends from base 6940 to base 7119.
AGCTTACCTCAACAAATGTTGAATGACTTCACGGTTGTCCTCCTCCGTACCACACATTGC
AGGAGCCCGCATTGTGTTCAAGTACAATCAACCTAAACGAGAAAGGAGGGAATTGAACCCC
CGTAAATTGGTTTCAAGCCAAACACATAACCACTCTGCCACTTTCTTAATAAGATACTAG

>Translation of ORF number 29 in reading frame 1 on the direct strand.
SLPQQMLNDFTVVLLRTHSRSPHLFKYNQPKRERRELNPRKLVSSQTHNHSATFLIRY*

>ORF number 30 in reading frame 1 on the direct strand extends from base 7123 to base 7383.
AACAGAAATTACACTGCCTTGTCAGGCAGAATCGTGCGTTAAACCCCCACGTATCTTGC
CAAACAATGGCCCATCCCTCACAAC TAGGATTTCAAGATGCAGCCTCACCTGTAATAGAG
GAACTCCTACATTTTCACGACCACGCCTTAATAATCGTATTTTTAATTAGCACGCTCGTT
CTATATATTATTGTTGCCATGGTTTCAACCAAGCTCACAACAAGTATATCCTAGATTCA
CAAGAAATTGAAATTATCTGA

>Translation of ORF number 30 in reading frame 1 on the direct strand.
NRNYTALSQRNRLKPHVSCQTMAHPSQLGFQDAASPVIEELLHFHDHALIIVFLISTLV
LYIIVAMVSTKLTKNYILDSQEIEII*

>ORF number 31 in reading frame 1 on the direct strand extends from base 7384 to base 7500.
ACAATTCTTCCTGCAGTAATTTTAATCCTCATTGCCCTCCCCTCACTTCGAATTCTATAC
CTTAGATGAAATTAACGACCCCCATCTCACCATTAAAGCAATAGGTCACCAATGA

>Translation of ORF number 31 in reading frame 1 on the direct strand.
TILPAVILILIALPSLRILYLIDEINDPHLTIKAIGHQ*

>ORF number 32 in reading frame 1 on the direct strand extends from base 7507 to base 7677.
AGCTATGAATACAGGACTATGAAGACCTTGATTTGACTCATACATAGTCCCCACACAA
GACCTGGCCCCTGCCAATTCCGACTCCTAGAAGCAGACCATCGAATGGTTGTTCCCATC
GAGTCCCAGTCCGCGTACTTGTTTCGGCCGAAGATGTCCTTCACTCATGA

>Translation of ORF number 32 in reading frame 1 on the direct strand.
SYEYTDYEDLGFDSYIVPTQDLAPGQFRLLEADHRMVPIESPVRVLVSAEDVLHS*

>ORF number 33 in reading frame 1 on the direct strand extends from base 7678 to base 7854.
GCCGTCCCCGCCCTTGGTGTAAGAAATAGATGCAGTACCCGACGCCTAAATCAAACAGCT
TTCATTACATCTCGCCAGGAGTTTTCTACGGGCAATGCTCAGAAATCTGCGGCGCAAAC
CATAGCTTTATACCAATCGTAGTTGAAGCCGTCCCATTAGAACACTTCGAAAACCTGA

>Translation of ORF number 33 in reading frame 1 on the direct strand.
AVPALGVKIDAVPGRLNQTAFITSRPGVFYGCSEICGANHSFIPIVVEAVPLEHFEN*

>ORF number 34 in reading frame 1 on the direct strand extends from base 8044 to base 8268.
CTCACGTCTTCCCAAATGAATCCTCCCCCAAAGCACCGAAAAACCAAAACAGAATCTT
GAAACTGACCATGACACTAAGCTTCTTCGATCAATTTATAAGCCCCGTCTTCTTAGGAAT
CCCTTTAATAGCCTTAGCCCTCCTCCTGCCATGAATTTTATTTCCAACCTCAACTGCTCG
ATGACGAAACAACCGCCTCCTTACCCTACAAAACCTGATTCATTAA

>Translation of ORF number 34 in reading frame 1 on the direct strand.
LTSSQMNPYPKAPKNQKQNLTDHDTKLLRSIYKPRLPNPNFNSLSPPPAMNFISNSNCS
MTKQPPPYPTKLIH*

>ORF number 35 in reading frame 1 on the direct strand extends from base 8419 to base 8508.
CATAGGACTCGCCGTCCCACTATGACTTGCCACAGTAATTATTGGGATACGAAACCAACC
AACCATTGCCCTAGGCCACCTGCTCCCTGA

>Translation of ORF number 35 in reading frame 1 on the direct strand.
HRTRRPTMTCHSNYWDTKPTNHCPRPAP*

>ORF number 36 in reading frame 1 on the direct strand extends from base 8509 to base 8652.
AGGAACCCCAACCCCTTATCCCAGTACTAATCATTATCGAACTATCAGCCTATTCAT
CCGCCCTTTAGCCCTTGGAGTCCGACTCACCGCCAATCTAACAGCAGGCCACCTACTAAT
TCAACTAATTGCCACCGCAGCTAA

>Translation of ORF number 36 in reading frame 1 on the direct strand.
RNPNPYPSTNHYRNYQPIHPPFSPWSPTHRQSNRPPTNSTNCHRS*

>ORF number 37 in reading frame 1 on the direct strand extends from base 8653 to base 8844.
CGTCCTCTTACCTCTAATGCCAACAGTGGCCATTCTCACAGCCACCCTCCTTTTCCTCCT
CACCTTACTAGAAAGTCGCTGTTGCTATAATTCAAGCCTACGTATTTGTCCTCCTACTAAG
CCTCTACCTACAAGAAAACGTCTAATGGCCCATCAAGCACACGCATACCATATGGTCGAC
CCCAGCCCTTGA

>Translation of ORF number 37 in reading frame 1 on the direct strand.
RPLTSNANSBGHSHSHPPFPHLTRSRCCYNSSLRICPPTKPLPTRKRLMAHQAHAYHMVD
PSP*

>ORF number 38 in reading frame 1 on the direct strand extends from base 8971 to base 9093.
CGAGACATCGTCCGAGAAGGCACATTCCAGGGACACCACACCCACCCGTACAAAAAGGC
CTACGATATGGAATAATTTTATTCATCACATCAGAAGTATTTTTCTTTCTAGGCTTTTTC
TGA

>Translation of ORF number 38 in reading frame 1 on the direct strand.
RDIVREGTFQGHHTPPVQKGLRYGIILFITSEVFFFLGFF*

>ORF number 39 in reading frame 1 on the direct strand extends from base 9145 to base 9234.
CCCCCTACTGGAATCACACCCCTCGACCCCTTTGAAGTACCCCTCCTAAACACCGCAGTC
CTGTTAGCCTCAGGTGTGACCGTAACATGA

>Translation of ORF number 39 in reading frame 1 on the direct strand.
PPTGITPLDPFEVPLLNTAVLLASGVTVT*

>ORF number 40 in reading frame 1 on the direct strand extends from base 9235 to base 9516.
GCCCACCACAGCATTATAGAAGGGGAACGAAAAACAAGCCATTCAATCACTCTTCCTCACA
ATCCTTCTTGGATTTTACTTTACATTTCTTCAAGCAATAGAATACTATGAAGCCCCTTTT
ACTATTGCAGACGGCGTTTACGGATCAACCTTCTTTGTAGCAACGGGATTCCACGGCCTA
CATGTAATTATTGGATCCACATTCCTAGCCGTATGCCTTATCCGCAAATCCAGTTCCAC
TTTACATCAGAACATCACTTCGGATTTGAAGCTGCTGCATGA

>Translation of ORF number 40 in reading frame 1 on the direct strand.
AHHSIIIEGERKQAIQSLFLTILLGFYFTFLQAIEYYEAPFTIADGVYGSTFFVATGFHGL
HVIIGSTFLAVCLIRQIQFHTSEHHFGFEAAA*