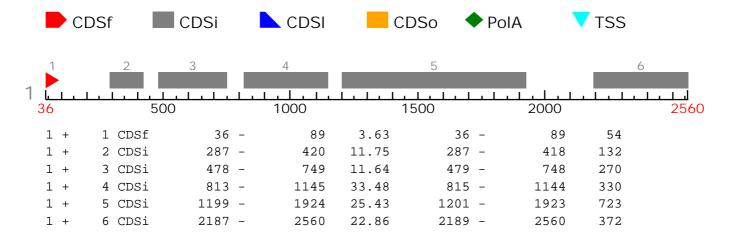
FGENESH 2.6 Prediction of potential genes in Trichinella_spiralis genomic DNA

Seg name: gb|JAEIGH010000052.1| Dsaltans02

Length of sequence: 2884

Number of predicted genes 1: in +chain 1, in -chain 0. Number of predicted exons 6: in +chain 6, in -chain 0.

Positions of predicted genes and exons: Variant 1 from 1, Score: 89.225983



Predicted protein(s):

>FGENESH:[mRNA] 1 6 exon (s) 36 - 2560 1893 bp, chain + ATGCGCATTTCCGAAACCTTTAAGCTATATCAGGACAAACATAAAGCTTATAAGTGGAAG TCTGCACCTGCAAAAGGTCAGACATTTAAAAGGAGGCGACTTAACGTAGATGCCATACCT AGTAAAGTGGTGGAGCCTGAACCAGAAAAAATAAAAGAAGGCTATGCCAGTGGGAGTACA CAAACAGAGTCCTGTTCATTGTTTAATGAAAATAAGAGCTTGAGGGAAAAAATTCGTACC TTGAAGTACGAAATGCGTCGCTTAGAGCAGCAGCTGAGGGAGTCTCAACAGTTGGAGGAG TCTCTACGCAAAATCTTCACGGAAACGCAGATACGGATACTGAAGAATGGTGGACAAAGA GCGACGTTCAATTCCGACGACATTTCTACGGCTATTTGTCTCCACACCGCAGGCCCTCGA GCGTATAACCATCTATACAAAAAAGGATTTCCTTTACCCATCATAGACCTAATGGACAGT GATGGAGTTGATGACGCCGACAAGCTTTGCGTACTCGCTTTTGACGAGATGAAGGTCGCT GCTGCCTTCGAGTATGACAGCTCTGCTGATATTGTTTACGAGCCAAGCGACTATGTCCAA $\mathtt{CTGGCTATTGTTCGTGGTCTAAAAAATCGTGGAAGCAGCCAGTTTTTTTCGATTTTAAT$ ACCCGAATGGACCCGGATACTCTTAACAACATATTAAGGAAACTGCATAGGAAAGGATAT TTAGTAGTTGCTATTATATCCGATTTAGATACCGGAAACCAAAAGCTATGGACAGAGCTC GGTATATCAGAATCAAAAACCTGGTTTAGCCATCCTGCAGATGACCACTTAAAGATTTTC GTTTTTCGGATACGCCACATTTAATTAAGTTAGTCCGTAACCACTATGTGGATTCCGGA TTAACAATAAATGTAAAAAAATTAACAAAAAAAAAACAATTCAGGAGGCACTTCATCTTTGT AACAAGTCCGATCTGTCTATCCTCTTTAAAATTAATGAAAATCACATTAATGTTCGATCG CTCGCAAAACAGAAGGTTAAATTGGCTACCCAACTGTTTTCGAATACCACCGCTAGCTCC ATCAGACGCTGCTATTCATTGGGGTATGACATTGAAAATGCCACCGAAACTGCGGACTTC TTCAAATTAATGATGATTGGTTCGACATTTTTAATTCTAAATTGTCCACATCCAATTGC ATTGAACCCTCGCAACCTTATGGCAAGCAGTTGGATATACAGAATGACATTTTGAATAGA ATGTCGGAAATTATGCAAGCACGAATTCTGGATAAACCCAAAAGGCTCCCATTTCAAAAA GGGATCATTGTGAATAATGCTTCCCTTGATGGCTTGTATAAATATTTGCAAGAAAACTTC AGCATGCGATCGAGAGGTGGACAATTCGACCATCCTACTCCACTGCAGATTAAGTATAGG TTAAGAAATATATAATAGACTTAAGTTCTAAAAAAAAGGAAAATAAGATTAAAGATTAT GAGCCTGTCGATGATGAGCCTGTCGATGATGTAATAAGCAATATAGATGTCACCGAAATG GATGAGTTGACGGAGGATGCGATGGAATATATCGCGGGCTATGTCATTAAAAAATTGAGA CTCAGTGACAAAGTAAAAGAAAATTTGACATTTACATACGTCGACGAGGTGTCTCACGGC GGACTTATTAAACCGTCCGAAAAATTTCAAGAGAAGCTGAAAGAACTAGAATGTATTTT TCGCAGTATACAAATAATAATTTTGAAATTACAAATAATGTAAAGGAAAAATTGATA TTAGCAGCGCAAAACGTTGATGTCGATAAACTA

>FGENESH: 1 6 exon (s) 36 - 2560 631 aa, chain +
MRISETFKLYQDKHKAYKWKSAPAKGQTFKRRRLNVDAIPSKVVEPEPEKIKEGYASGST
QTESCSLFNENKSLREKIRTLKYEMRRLEQQLRESQQLEESLRKIFTETQIRILKNGGQR
ATFNSDDISTAICLHTAGPRAYNHLYKKGFPLPIIDLMDSDGVDDADKLCVLAFDEMKVA
AAFEYDSSADIVYEPSDYVQLAIVRGLKKSWKQPVFFDFNTRMDPDTLNNILRKLHRKGY
LVVAIISDLDTGNQKLWTELGISESKTWFSHPADDHLKIFVFSDTPHLIKLVRNHYVDSG
LTINVKKLTKKTIQEALHLCNKSDLSILFKINENHINVRSLAKQKVKLATQLFSNTTASS
IRRCYSLGYDIENATETADFFKLMNDWFDIFNSKLSTSNCIEPSQPYGKQLDIQNDILNR
MSEIMQARILDKPKRLPFQKGIIVNNASLDGLYKYLQENFSMQYILTSRLNQDIVEHFFG
SMRSRGGQFDHPTPLQIKYRLRKYIIDLSSKKKENKIKDYEPVDDEPVDDVISNIDVTEM
DELTEDAMEYIAGYVIKKLRLSDKVKENLTFTYVDEVSHGGLIKPSEKFQEKLKELECIF
SQYTNNNNFEITNNVKEKLILAAQNVDVDKL