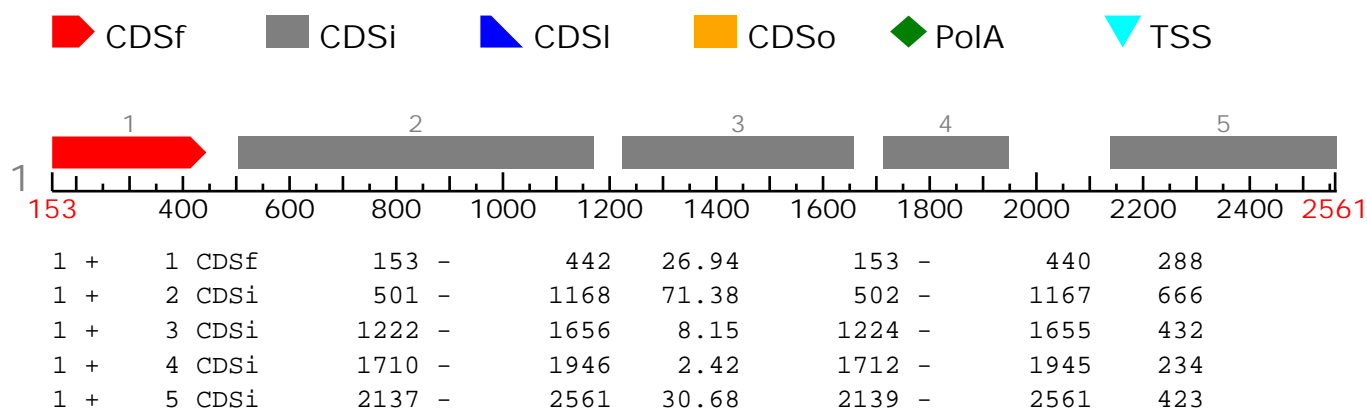


FGENESH 2.6 Prediction of potential genes in *Trichinella_spiralis* genomic DNA
 Seq name: gb|CM016475.1| *Dmelanogaster*21
 Length of sequence: 2885
 Number of predicted genes 1: in +chain 1, in -chain 0.
 Number of predicted exons 5: in +chain 5, in -chain 0.
 Positions of predicted genes and exons: Variant 1 from 1, Score:121.385181



Predicted protein(s):

```
>FGENESH:[mRNA] 1 5 exon (s) 153 - 2561 2055 bp, chain +
ATGAAATATTGCAAATTTTGCTGCAAAGCTGTGACTGGAGTAAAATTAATTCACGTGCCG
AAGTGTGCTATTAAGAGAAAATTGTGGGAGCAGAGCCTTGGGTGCAGCCTTGGTGAAAAC
TCCCAAATTTGTGATACCCACTTTAATGATTTCGCAGTGAAGGCTGCACCTGCAAAAGGT
CAGACATTTAAAGGAGGCGACTCAACGCAGATGCCGTACCTAGTAAAGTGATAGAGCCT
GAACCAGAAAAGATAAAAGAAGGCTATAACAGTGGGAGTACACAAACAGAGTCCTGTTCA
TTGTTTAAATGAAAATAAGAACTTGAGGGAAAAAATTCGTACTTTGGAGTACGAAATGCGT
CGTTTAGAGCAGCAGCTGAGGGAGTCTCAACAGTTGGAGGAGTCTCTACGCAAAATCTTC
ACGGACACGCAGATACGGATACTGAAGAATGGTGGACAAAGAGCTACGTTCAATTCCGAC
GACATTTCTACAGCTATTTGTCTCCACACCGCAGGCCCTCGAGCGTATAACCATCTGTAC
AAAAAAGGATTTCTTTTGGCCAGTCGTACGACTTTGTACAGATGGTTATCAGATGTGAAC
ATAAAAAGAGGATGTTTGGATGTGGTCATAGACCTAATGGACAGTGATGGAGTTGATGAC
GCCGACAAGCTTTGCGTACTCGCTTTTCGACGAGATGAAGGTCGCTGCTGCCTTCGAGTAT
GACAGCTCTGCTGATATTGTTTACGAGCCAAGCGACTATGTCCAACCTGGCTATTGTTTCGT
GGTCTAAAAAATCGTGGAAGCAGCCAGTTTTTTTTTCGATTTTAATACCCGAATGGACCCG
GATACTCTTAACAATATATTAAAGAACTGCATAGGAAAGGATATTTAGTAGTTGCTATT
GTATCCGATTTAGGTACCGGAAACCAAAAGCTATGGACAGAGCTCGGTATATCAGAATCA
AAAACCTGGTTTAGCCATCCTGCAGATGACCATTAAAGATTTTTCGTTTTTTTCGGATACG
CCACATTTAATTAAGTTAGTCCGTAACCACTATGTGGATTCCGGATTAACAATAAATGGG
AAAAAATTAACAAAAAACAATTCAGGAGGCACCTTCATCTTTGCAACAAGTCCGATCTG
TCTATCCTCTTTAAATTAATGAAAATCACATTAATGTTTCGATCGCTCGCAAAACAGAAG
GTTAAATTGGCTACCCAGCTGTTTTTCGAATACCACCGCTAGCTCGATCAGACGCTGCTAT
TCATTGGGGTATGACATTGAAAATGCCACCGAACTGCGGACTTCTTCAAATTGATGAAT
GATTGGTTTCGACATTTTAATTCTAAATTGTCCACATCCAATTGCATTGAGTGCTCGCAAC
CTTATGGCAAGCAGAATTCTGGATAAACCCAAAAGGCTCCCATTTCAAAAAGGTATCATT
GTGAATAATGCTTCGCTTGATGGCTTGTATAAATATTTGCAAGAAAACCTTCAGTATGCAA
TACATATTAACAAGCCGTCTCAACCAAGACATTGTGGAGCATTTTTTTTGGCAGCATGCGA
TCGAGAGGTGGACAATTCGACCATCCCACTCCACTGCAGTTTAAGTATAGGTTAAGAAAA
TATATAATAGCCAGGAATACAGAAATGTTAAGAAATTCGGGAAATATCGAAGAGGACAAC
```

TCTGAAAGCTGGCTTAATTTAGATTTTCAGTTCTAAAGAAAACGAAAATAAAAGTAAAGAT
GATGAGCCTGTTCGATGATGAGCCTGTTCGATGAGATGTTAAGCAATATAGATTTACACCGAA
ATGGATGAGTTGACGGAGGATGCGATGGAATATATCGCGGGCTATGTCATTAAAAAATTG
AGAATCAGTGACAAAGTAAAAGAAAATTTGACATTTACATACGGACTTATTAAGCCGTCC
GAAAAATTTCAAGAGAAGTTAAAAGAGCTAGAATGTATTTTTTTTGCATTATACAAATAAT
AATAATTTTGAATTACAAATAATGTAAAGGAAAAATTAATATTAGCAGCGCGAAACGTC
GATGTTGATAAACAA

>FGENESH: 1 5 exon (s) 153 - 2561 685 aa, chain +

MKYCKFCCKAVTGVKLIHVPKCAIKRKLWEQSLGCSLGENSQICDTHFNDSQWKAAPAKG
QTFKRRRLNADAVPSKVIEPEPEKIKEGYTSGSTQTESCSLFNENKNLREKIRTLEYEMR
RLEQQLRESQQLEESLRKIFTDTQIRILKNGGQRATFNSDDISTAICLHTAGPRAYNHLY
KKGFPLPSRTTLYRWLSDVNIKRGCLDVVIDLMDSDGVDDADKLCVLAFFDEMKVAAAFY
DSSADIVYEPSDYVQLAIVRGLKKSWKQPVFFDFNTRMDPDTLNNILKKLHRKGYLVAI
VSDLGTGNQKLWTELGISSEKTFWFSHPADDHLKIFVFSDFPHLIKLVNRNHYVDSGLTING
KKLTKKTIQEALHLCNKSDLSILFKINENHINVRSLAKQKVKLATQLFSNTTASSIRRCY
SLGYDIENATETADFFKLMNDWFDILILNCPHPIALSARNLMASRILDKPKRLPFQKGII
VNNASLDGLYKYLQENFSMQYILTSRLNQDIVEHFFGSMRSRGGQFDHPTPLQFKYRLRK
YIIARNTEMLRNSGNIEEDNSESWLNLDFSSKENENKSKDDEPVDDEPVDDEMLSNIDFTE
MDELTEDAMEYIAGYVIKKLRISDKVKENLTFTYGLIKPSEKFQEKLKELECIFLHYTNN
NNFEITNNVKEKLILAARNVDVDKQ