

FGENESH 2.6 Prediction of potential genes in *C\_elegans* genomic DNA

Seq name: Omy\_NODE\_1a

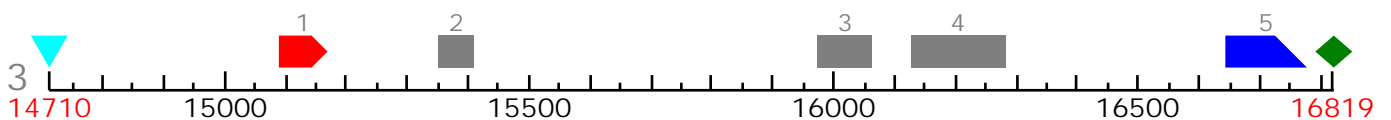
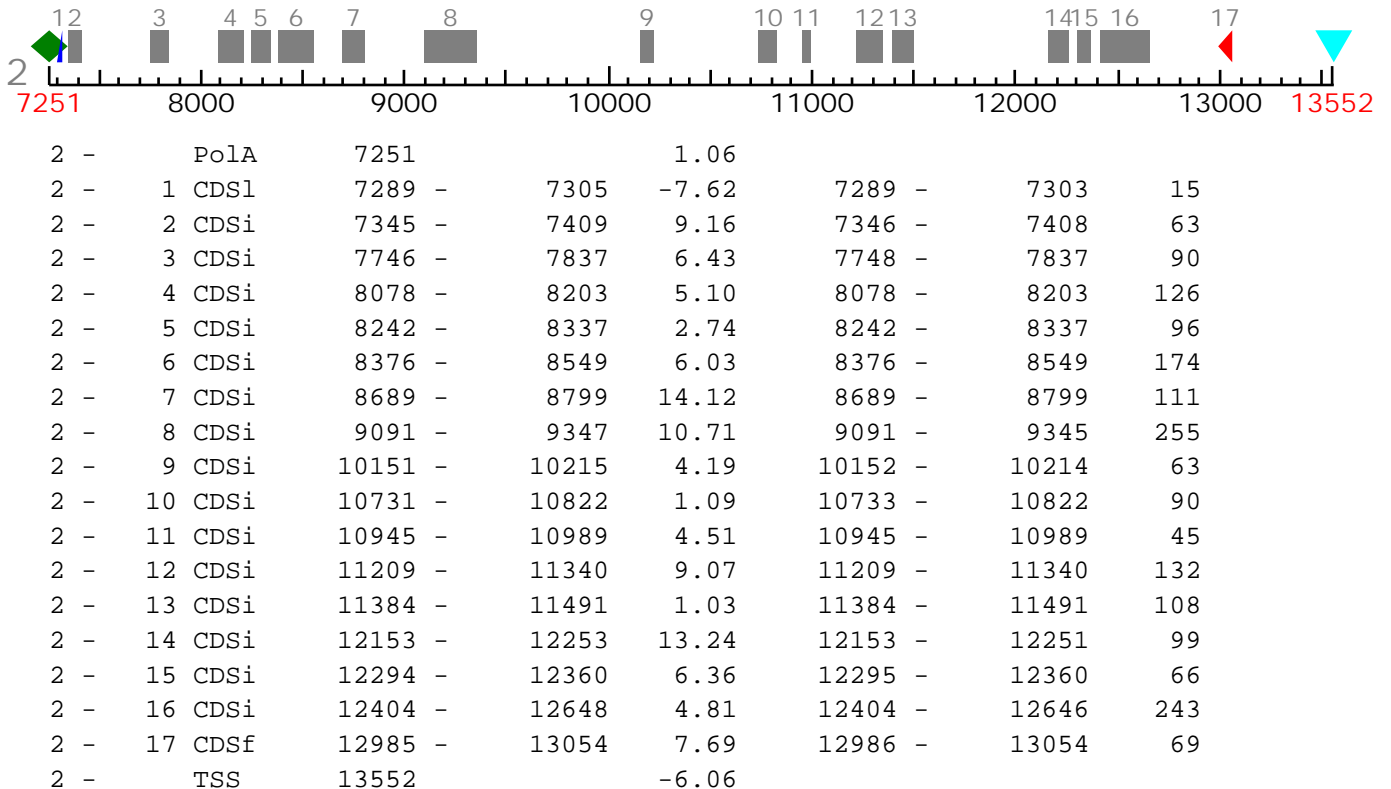
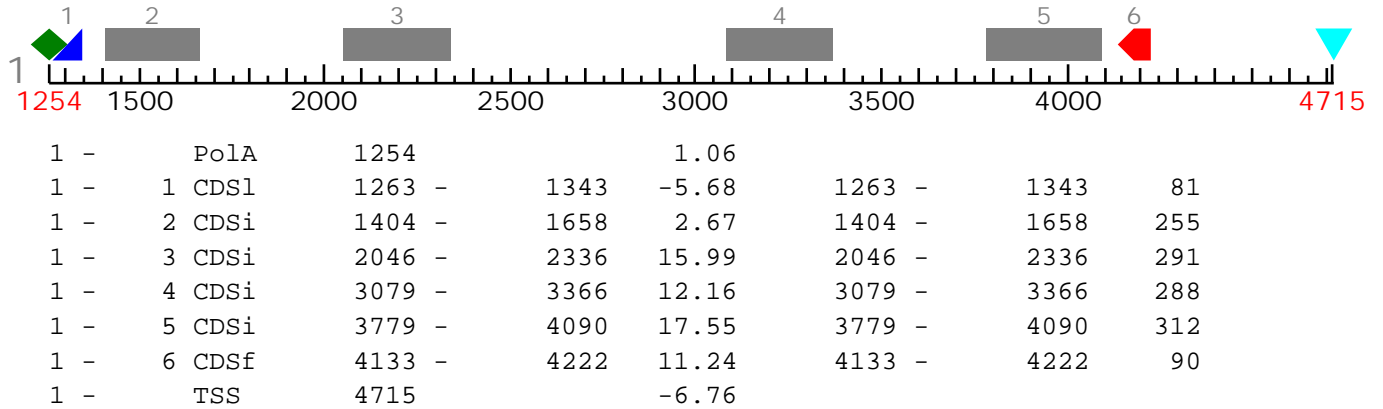
Length of sequence: 49700

Number of predicted genes 6: in +chain 2, in -chain 4.

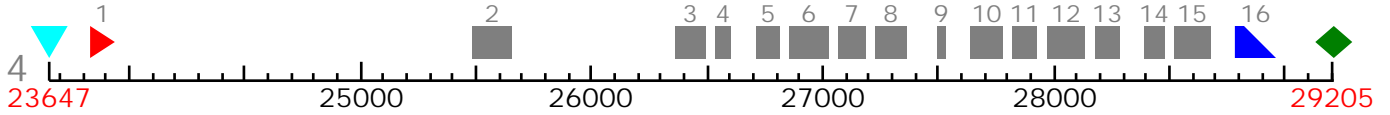
Number of predicted exons 53: in +chain 21, in -chain 32.

Positions of predicted genes and exons: Variant 1 from 1, Score: 353.461963

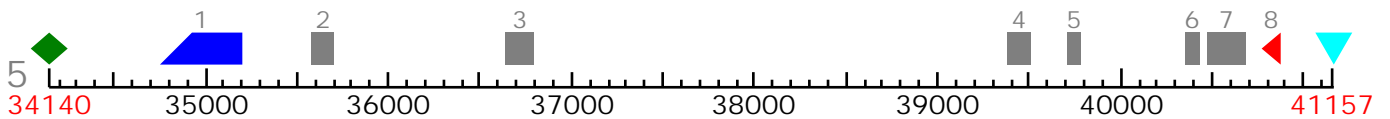
▶ CDSf   
  CDSi   
 ▶ CDSi   
  CDSo   
 ◆ PoIA   
 ▼ TSS



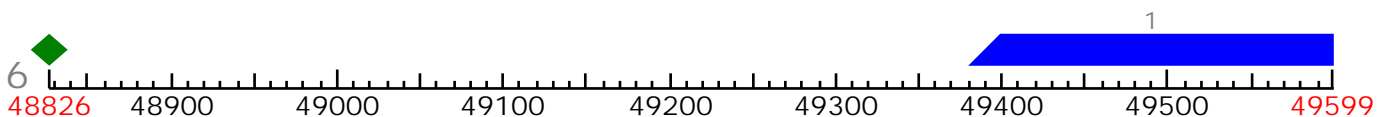
3 +	TSS	14710			-12.06			
3 +	1 CDSf	15087 -	15167	19.22	15087 -	15167	81	
3 +	2 CDSi	15349 -	15408	8.26	15349 -	15408	60	
3 +	3 CDSi	15972 -	16061	16.03	15972 -	16061	90	
3 +	4 CDSi	16125 -	16280	17.24	16125 -	16280	156	
3 +	5 CDSL	16641 -	16775	11.10	16641 -	16775	135	
3 +	PolA	16819			-1.75			



4 +	TSS	23647			-7.26			
4 +	1 CDSf	23824 -	23931	9.13	23824 -	23931	108	
4 +	2 CDSi	25479 -	25649	6.37	25479 -	25649	171	
4 +	3 CDSi	26353 -	26487	1.96	26353 -	26487	135	
4 +	4 CDSi	26530 -	26595	7.93	26530 -	26595	66	
4 +	5 CDSi	26707 -	26808	10.25	26707 -	26808	102	
4 +	6 CDSi	26848 -	27018	6.05	26848 -	27018	171	
4 +	7 CDSi	27060 -	27178	5.89	27060 -	27176	117	
4 +	8 CDSi	27221 -	27356	14.36	27222 -	27356	135	
4 +	9 CDSi	27487 -	27525	3.43	27487 -	27525	39	
4 +	10 CDSi	27632 -	27774	5.96	27632 -	27772	141	
4 +	11 CDSi	27814 -	27922	-0.45	27815 -	27922	108	
4 +	12 CDSi	27964 -	28128	16.71	27964 -	28128	165	
4 +	13 CDSi	28172 -	28276	4.27	28172 -	28276	105	
4 +	14 CDSi	28383 -	28472	6.08	28383 -	28472	90	
4 +	15 CDSi	28513 -	28672	8.35	28513 -	28671	159	
4 +	16 CDSL	28777 -	28955	5.55	28779 -	28955	177	
4 +	PolA	29205			1.06			



5 -	PolA	34140			-0.44			
5 -	1 CDSL	34745 -	35195	23.87	34745 -	35194	450	
5 -	2 CDSi	35574 -	35697	13.11	35576 -	35695	120	
5 -	3 CDSi	36633 -	36787	12.03	36634 -	36786	153	
5 -	4 CDSi	39374 -	39501	12.06	39376 -	39501	126	
5 -	5 CDSi	39701 -	39775	7.70	39701 -	39775	75	
5 -	6 CDSi	40345 -	40423	1.83	40345 -	40422	78	
5 -	7 CDSi	40465 -	40676	7.74	40467 -	40676	210	
5 -	8 CDSf	40763 -	40867	6.58	40763 -	40867	105	
5 -	TSS	41157			-3.36			



6 -	PolA	48826			-0.44			
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Predicted protein(s):

>FGENESH:[mRNA] 1 6 exon (s) 1263 - 4222 1317 bp, chain -  
ATGAACCTCCTACTGTTCTTTGGTTTTCTTTGTACAGTTTCCGCAATGACGATCATGTAC  
TTTCAAACCTTGTGTGATCATGAGTTCCCTGTCATTTCGCACAATTGAACTGTATAACAGG  
ACTTGGACGTCGGTTGAAGTGGTTCTCAAACCAAATGAGACTAAGAATACCTCCTATCCC  
CTTTCCTTCCAGTGGCCAAATATGAATTTCCGCGCCAACCTACACCGGGAAAACAGCGGCG  
GAGTTCCTTTCTGAACACTGGAGGCTACGACTTCTACGGAATTGACATTGGAGAGGGCTTT  
GATAATGGAATGAAAATAGTCCCCGATGATGGATTTAACATTTTCGTGTTATTCTGATAAC  
TGCACGGATGGCATAAAAACTCCAGAGGATTGGCGAAGCAAAGTTGTTGACATTTACAAG  
GGTCGTTCCGGAAAGGTCGTTTCATGAACTCCGTCCTGGCTTCTACTGGATGACCACTGAT  
GGAGTGAAGGCTCTTTTAAAGCTGGATTTAACGGAACCTACCAAAGTGGATGTTTATCAA  
AATAGATATGGAATCGACTACTATTCATAAATATTGAAGATGGGTTTGATTACCCAGTT  
CGGGTAGGAGCAGAGAGTGGAGAAGTCTTACGTGCAGGGATTCTAACTGTTCCGATGGT  
ATTCATAATCATATGGAGTATGACGAAAAGGTAGTCCGCACGGATGAATTCAGCGAACCT  
GAGCTTGAAGTACGGCTCAAGCCAAAAGAAATCAGACTGGTTGCCTATCCTGGCGGGAAT  
ATGACTTTCGGTTCAGGGTTTTCACGGAAAAACGGCTGCTGTTTTTTGGCTGCACAAGAAT  
GGACACGACTTCTACGGTCTCAACGTTACGGATGGCTTCGACATGGATATGTCAATTGAA  
CCATACAATGGCAGAAACATCAGCTGTATTTCTGAAAGCTGCAAAGATGCAATTCACCTCG  
CCCAATGATATGCATCACAAAATTGGGTATCTATTTTATAATGGAACGAAATATTCCCGA  
TCTCTTGACATGGTCACCATAAGATATCTACTCTCCGAAACCAGAAATCCTTTCAAACA  
GCCATTGGTGGCACTAAAATTGCTATTACCCTAAACAAAGATGGATTCGACTACCAATTT  
TTGAGTGCGGGATTCTTCTTCAAAGAGGTAACAGTTGAAAGGGAAAAATAGAGAGCTTCTC  
ACATGTAGGACTAACAACTGCCCTCATTTCAAGAGGAACTCAGTCAAGCAACTGGGGGC  
GTTATTACATTTACTGGTGTCCGGAACAGAAGTTGGACGACACTGTGGTAACGTAA

>FGENESH: 1 6 exon (s) 1263 - 4222 438 aa, chain -  
MNLFFFGLCTVSAMTIMYFQNLCDHEFPVIRTIELYNRTWTSVEEVVLPNETKNTSYP  
LSFQWPNMNFRANYTGKTAEEFFLNTGGYDFYIGIDIGEGFDNGMKIVPDDGFNISCYSDN  
CTDGIKTPEDWRSKVVDIYKGRSGKVVHELRLPGFYWMTTDGVVEGSFKAGFNNGTTKVDVYQ  
NRYGIDYYSINIEDGFDYPVRVGAESGEVLTCDSDGIIHNHMEYDEKVVRTDEFSEP  
ELEVRLKPKIEIRLVAYPPGNMFRSGFHGKTAAVFWLHKNHDFYGLNVTDFDMDMSIE  
PYNGRNISCISESKDAIHSPNDMHHKIGYLFHNGTKYSRSLGHGHHKISTLRNQKSFQT  
AIGGTKIAITLNKDFDYQFLSAGFFFKEVTVERENRELLTCRTNNCP SFQEELSQATGG  
VIHIYWCPEQKLDDTVVT

>FGENESH:[mRNA] 2 17 exon (s) 7289 - 13054 1863 bp, chain -  
ATGCGGGTGGTTTTCTTAGGCGGCCTACTGTTGGCCGACAGTGGTGACAGCAACGGTGGAG  
AGGAGGAAAGCATCACCAAGTATGGTGAAACAGCACTTAACCGTGCCTACCTCGAACGCT  
GCAATGGCTGAGGGAACGAACCTTCGTCTACGGCTACATCAATTCTCATCTGGTGCCAACT  
GACACGTCTTACACTGAAAACCTCTTCCCTTACCATCACCAACTCAGGAGACACTCCTGCC  
GTTGTTACCATCACTTTCGAAGTTCAAAAATTTCTGTAATCAAACGATCACTGTACAACCA  
GGAATTTCTCTATTTGCTAAAATTGAACCAGCTGATATTCAAGTGGACTACATGGACAAA  
CAACTTGGTCAGGCGTTCTTTGAATTCAGTTCGATCTGGGTTAGCTCCACAGTTCCTGTC  
TCTCTTGTGCTACAAATCAGGTCTCTGATTTACGAGTGGAGGATAAATTTGCCATTTTG  
CCCATCTGTCAACTGGGAACCCAGTACAAAGTGGTTGTTGACGAAACGTCTGACCCCGAT  
CGTCTACAATCTACAATGTTGTTACAATCATCGCCACGGAGGATGACACTGTTACACTA  
TCCCCAGTTGTTGGAGGAGAGCACACCTTGCTGAAAGGAGAAATGCTGTTCGATCGCCGTT  
GCCTTCAGCCCCAACTCAGCCGACATCAGTGCCTCGAAGCCCCTGGCTGCTATTTACAGGA

GCGGAAGACAATACGACTATAACCGCAGACGGTAACCAATGGTCTCCGGCTGGAAGTGCT  
AACATTGCTGACCAGGGAGCACCATTCTTTGTTTCATGTTCCCTTCCCCTAATCTCTTCGCT  
CCGGGCCCTATTCTTTTCGGGGTTACGGTGTACGGGTACGGAGAGCGCAGGTCTTACGGA  
TTCAACCCTGGAAGTGAACCTTGCCTAAGAACAAAGGATGATTGGAGAAGATTTGGTGTAGCT  
TTGGAAGGTGTTTCTAAGTCTCAAGCAGACATTGCTTCTGGAACCTCTCTTCGTTTACTCT  
TACCTCAACAGTCATCTGAATCCTAAAGACACGACGGTACTGAGAACCCTATGGCTAACT  
GTGACAAATCCTGGTACTCAACCAGCTCAAGTGACCATCTGGTCCACCTATCCAGGCTTC  
ACAATCAAACCAACACCGTTCCCGCTGGAACATCGAAAGTTGTGTGTCAACTAGGAAAG  
TCTTATTTGGTTGTTGGTGATGAATCAGCTAGAGCTGGAACGCCTCAGTCAACCAACATT  
GTGACGATCATTGCTACTCAGCCGAATACTGCTGTTACCTTCTTAGGCTCTATCGCCGTT  
TTGCAAACGGGAAGCCAATTCACAACCTCTATTAACAGCTACATTTCTGGAATTCCCATC  
AGTGCTAACAAGCCCGTGGCTGTTATTTCTGGAGCTGTATGTGGGTACGGATATCTTTCT  
CAGCCTCAAATTCATTGCAGTCATGAGGCTCTGATGCTTTACCCCAACAGTTTTCGAC  
ACAAGATATCCGTATTTCAACTTCCAGCCTGAGGAATATGGAGAGCTCATGGTCTACGTC  
ACCCAAGCTAACACGACAATTTGATCGATTCAAGGCCGCGTGTCTCTATGAGCACAAC  
TCTATTCTTCTTGTGAAAGTGGCAACGGGAACCTATATCACAGGAGACAAACCCATTTAC  
ACCGTTGCGGTTGGAAACGTCAACAGCCAAGACCAAGGCGCTCCGTTCTTCGCTCATGTG  
CCTTCACCATCACTTTTCACCACTGGCCCCATTATGTTTCGCTGTAACCTGTTTACGGATAT  
GGAATGTTCAAGTCTACGCGTTCAACCCCGGATTGAACCTTCCCGTCACCGGCACTTGC  
TAA

>FGENESH: 2 17 exon (s) 7289 - 13054 620 aa, chain -  
MRVVFLGGLLLAAVVTATVERRKASPSMVKQHLTVPTSNAAMAEGTNFVYGYINSHLVPT  
DTSYTENLFLTITNSGDTPAVVITITSKFKNFVNQTITVQPGISSIAKIEPADIQVDYMDK  
QLGQAFFEFKSIWVSSTVPVSLVATNQVSDFSSEDKFAILPICQLGTQYKVVVDETSDPD  
RLQSTNVVTIIATEDDTVTLSPVVGGEHTLLKGEMLSIAVAFSPNSADISASKPVAAISG  
AEDNTTITADGNQWSPAGSANIADQGAPFFVHVPSPNLFAFGPIPFVTVYGYGERRSYG  
FNPGLNLPRTKDDWRRFVVALEGVSKSQADIASGTLFVYSYLNHSLNPKDITVTENLWLT  
VTNPGTQPAQVTIISTYPGFNNQNTNTPAGTSKVVCQLGKSYLVVGDDESARAGTPQSTNI  
VTIIATQPNTAVTFLGSIQVAVLQTSQFTTSINSYISGIPISANKPVAVISGAVCGYGYLS  
QPQIHCSHEALMLYPTTSFDTRYFYFNFQPEEYGELMVYVTQANTTISIDSRPRAPMSTN  
SILLVKVATGTYITGDKPIYTVAVGNVNSQDQGAPFFAHVPSPSLFTTGPIMFAVTVYGY  
GMFKSYAFNPGLNLPVTGTC

>FGENESH:[mRNA] 3 5 exon (s) 15087 - 16775 522 bp, chain +  
ATGTTTTTGGATAATTTTCGCCCTTTTGGCTGGTGTCTGCTTCGCCAGGACAAGAATTCC  
CTAGATTTTGACAACCCGACGAATTGCGGAACTGAAGCCACGAAATGGAAGCCCTGCATC  
GAGAGGAAAGTTGCCGATCAGGTGTTTGGCTCCTGCTGCGAGCGATTTGTTCCCCCGAG  
TGCCGTGGTCTCTGCATCTACGAAACCAACGCCATTGAGGCTCGCGTTGTTTTGATGCAC  
ACCATCCAGCCTTCTCGCTGCCGTCTCTACAAGTACCTCCCCGCTGTGGTTCACTGTGCC  
GCCCAGACCCACGACAACCTCGGAATGCTGCAGGTCAAACGGAATCGCTCAGCTGGGAGAA  
CAGTGCCCTTCAGATGTGCCAGTCTCAGTCAACCCTCGCCGTTTCTGGGGAGTGAAGTCT  
CTGAGGAAGGATCTCGTTGTGTGCCTCGCCAAGTGGGACCAGATCATGCAGTGCCATCAG  
TCCGGGCTTCGCGCCAGGAAAGTCCCCGTCCTACGGCTTAA

>FGENESH: 3 5 exon (s) 15087 - 16775 173 aa, chain +  
MFLIIFALLAGVCFQDKNSLDFDNPTNCGTEATKWKPCIERKVADQVFGSCCERFVPE  
CRGLCIYETNAIEARVVLMTIQQPSRCLYKYLPAVVHCAAQTHDNSECCRSNGIAQLGE  
QCLQMCQSQSNPRRFVGVKSLRKDLVVCLAKWDQIMQCHQSGLRARKVPRPTA

>FGENESH:[mRNA] 4 16 exon (s) 23824 - 28955 1998 bp, chain +  
ATGAAGATGAAGAAAAGAAGAACACCACGTTCAAAGAGAGGAGGAGTTCAGTGAAGGAG

AGACTTCGTACGGAGAAAGATGTGGCTACTTGGGTTGGCGCTAGTCAGCCCGCTAGGAAA  
CAGAAGGAAGAAGAACGACCTGAGAGACATGTTTCGTTATGAAACAGAGTCCGTCACCTCC  
CTCTCCACCATTTCTACTCTTGTGGAGAGCCCCGAAGGCCTTAGACGGAGGGTTTGCAGCA  
AACGTTAATGGGAAGTATCTTTTTTTTACAGATACGGATGTTGGAAGAAATCTCTGCAGAA  
CATTCAACGTTCTTGCTGTGTGCATTTATTGTAGCTATGTGTAGCTTAAGTTTGACTATA  
GCCGCTGTTTTTCTTAGAGATACAGAGTGGACATCTGATGATTTTGATTGGAAGAAAAAG  
AAGTTTGATAAGAATGTACGGAAACTTGATCGAGAGCGTGACGATGACGACGATTTGGAT  
ATCGATGGAGCCATGGGACGGCGTGCCTACTCTGAACCAAACCTCACAACCATTACCAA  
GTTTCGCGGGTCGATCCTAGACTTGGGCATTGGAAGTGTCTGTCAATCAAAGAATCCTTG  
AATATGAGTAAGCAAGTCGAGCCTGCCGTTCCCTCGTTCCTCGATCGGTTCGGAACTTTCATG  
AGAAAAGTGTTCCTCAACTGTTCCCTGAGTACCCATGGTTGCTTCTGAAGACATTGGTGGT  
CACTACGATCATTTGGAGCATTTGGACCTTCAGATGACGAGCTCTCCGGCAAACACGATT  
CATTGCAAACCCAGGATCAGGATGCTCAGTAAGACTTCAATGAGTGTGATGCCATCAAC  
GACTTTGACGATGATGCTTCACATGTCAAATCGTTTTCTACAGTGAAAGTGAGGATGAA  
CAGGAGGAATCCCGATCTGAGGAGGAGCATTATCCGAATCCGACTCAGATATGTCCAAC  
GACGGAGAATCTTCTGAATCTGACCTGTCCGACCGTTGCTTGAACAAGGAAGAGGTTCCA  
CTTCTGCCGCTCTACGTCCCCCTCGTAAAGTGGCCAATGGAACACCCGCTGCCCAGAAC  
ACTGCTGAAATCACTCAGAGGAAGGTAGAGTCTGCAAGGCAAGCTAGGCCCTCTATAGGA  
GCTGGCCACAATGCTCCCGGTGCTGTTCTTGTGACGCGTCAGTGCATACAGAACTCGTATT  
AATACAAACATGATCGAATCCAAGGAAAAATCCCATCGGCACCTCTCCTTGCTCACACC  
AAAAAGAAGTGGTATATGAAATACGAAACATTAAGCCGATTGCTCTGGCAATCATTCAA  
ATTCCAAGGAGTTCCCGTCTACAAAAAGATGGCTACCAGCTCATTGAGCTTCATGCTT  
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GACTATGCCGTCGATACCTTGAAGCTGCCAGTAGATGACTGTAAATGGCTTCCAAGTGTG  
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ATGAAGAAGAACTTGTTCCTGCTCTACGGATTCTGTATCATGGGAGTGGCTTGTTCATG  
CTCGGTTACAGCTGCCGCCAGCGGTTTTCCGCACATGGTGATCACATGCGCCTTCTTCGGT  
CTCTTCATTTCTGCAAATTACGTCTTGCAATCCGTTCTACTCAGCTACTTTTCCCGGAT  
GTCAGCAAGTTCATGAGTGCCTACGCCTTGTGTCGTTTTGTGGAAGGAATAGCCCACTC  
ATTGGTCCCTCCTGTTGTAGGGGCCATCCGTGACTACACTGGACAGTACCACATCGTCTTC  
TTTGTGGCTGGAGTCCCTCGTCGTCGTCTCATCTCCTGAGTTTCATAATCCACTTTAAC  
CTCCTGCGAGAGAGCGTGGAACGCAGCCGAGACTCTACCGACGCCGAAGCTGTTCCC  
CTCTACCACCACGCATAA

>FGENESH: 4 16 exon (s) 23824 - 28955 665 aa, chain +  
MKMKKKKNTTFKERRSSVKERLRTEKDVATWVGASQPARKQKEEERPERHVRYETESVTS  
LSTISTLVESPKALDGGFAANVNGKYLFLQIRMLEEISAEHSTFLLCAFIVAMCSLSLTI  
AAVFLRDTEWTSDDFDWKKKFKDKNVRKLDREDDDDLDIDGAMGRRAYSEPNTTITK  
VRGSILDLGIGSVLSIKESLNMSKQVEPAVPRSRVSGTFMRKVFPTVPEYTMVASEDIGG  
HYDHLEHLDLQMTSSPANTIHCKPRIRMLSKTSMVDAINDFDDASHVKIGFYSESEDE  
QEESRSEEEHSSESDDMSNDGESSESLSDRCLNKEEVPLLPLYVPPRQVANGTPAAQN  
TAEITQRKVESARQARPSIGAGHNAPGRVLVSVSAYRTRINTNMIEFQKIPAPLLAHT  
KKKWYMKYETLKPIALAI IQIPKEFPVYKMATSSLSFMLFLISVTLLYMVLDVPYVFFY  
DYAVDTLKLVPDDCKWLPSVIGFFNLFSTWVIGFIADRKFMKKNLFLLYGFCIMGVACCM  
LGSAAASAFPHMUITCAFFGLFISANYVLQSVLLSYLFPDVSKFMSAYALSSFVEGIATL  
IGPPVVGAIIRDYTGQYHIVFFVAGVLVVVSSLLSFI IHFNLLRERRGKRSRDSTDAEAVP  
LYHHA

>FGENESH:[mRNA] 5 8 exon (s) 34745 - 40867 1329 bp, chain -  
ATGGAACGGCCGATAGTAGTGGACTCCGTTCTCTGCTTCATCCAACTTCCGTCAACTA

TCAAACATCCGTTTCCTTGTCAAACGGTCTTTTTCCGAATCGCTGGAAGCAGTCCATCTT  
CCGGAAGACGTTGTGATCTCTACGATGTATTTTCTGCGCGAGAGAACCTCGTTTTTGC  
GCTACCGATCTCAACCAAATGCCACTTGTGCTGTCACCAGCAGACAACACGGCCGAGATT  
ATTAAGGAAATCAAGTCTTTGAAAAGTTATTTTCAAGAAACATTGGAAGGAAAGGCGGAT  
GAAGTAACAAGTCAGAGGGATAGCATAACTCCTACTACCAGGTGTAACCTGAACACTTCA  
GCATCTTCACCGGAATTTCTACACCAACGAGTCAGCTTCCCCTATGTGAGCAGAGTCCG  
AAGCCTCTTCCGAGTGTGCGCCATTTCCCCTGTCTCTGAATCTGTACAGGTGGATGAG  
CAGGCAACGGCTTCTCCAGCATGGCAACCTGCGGTTGATCCCCAAGCTTACCTAAACATG  
ATTCCGGATGATGCAGACTCCTTCTAACACGAGTATCTTTGGAAACATGATGGGAAACATG  
AGCCACGCAGCATCACACCCTTTCGTACACCTGCAGAGTCTTCTGGAGATGATAATCAA  
GAAACGATGGAAGATGGGGAAAGTTCTCCTTCCCCTTCTGAAGAGATAAAGGACGACTTT  
CCTCTGCTGGAGATGAGCGTTGACAATGACTCGGACAAGCCATTCATCTGTGAGCACTCG  
AATTGCCAGAAAAGTTTCGCCAACAAGTTCTTCTGAAGAAGCATCAGTTCATTACACT  
GGGCTACGGCCGCACTCGTGTCCCTTCTGTAACAAACGGTTTAACCGGAAAGATAACCTC  
CTCCGTCACAAGAAAACCCATCTGCAGAACGGAACCATCGACGAGGCGCAGTTCGCGGCC  
CATGGGCTCCACGACGCCATCAATGGGCTGATGTCTGGTCTGACACCTCCTTTGCTCCCT  
GACTTCAAGTTGGAATCTGACGAGTTCTCCTTAGATAAGGATGTCTTCTCTGGGGACAAG  
GAGCCCTTAATCCTTGGAAAAGAAGCCTTCATGGACAAAGAACCTCTCACCATGGGCAAG  
GAGCTTCTGACCATGAGAAAAGGAGCCGTTCAACCTGAGTCAGGAGCTGTTGAACTTGGGG  
AAGGAAAAGTTTTCTTGAATCATGAACCTCTGAACCTTGACGACGGAGCCCTTCGACCTG  
AGAAAAGAGCCCTTCACTTTTAATAAGGAGATGTTTTTGAAGCCTAAGGAGGAGATCCCT  
GAGAATAA

>FGENESH: 5 8 exon (s) 34745 - 40867 442 aa, chain -  
MERPIVVDVSVLCFIHNFRLSNIRFLVKRSFSESLEAVHLPEDVVDLYDVFSARENLVFA  
ATDLNQMPLVLSPADNTAEIIKEIKSLKSYFQETLEGKADEVTSQRDSITPTTRCKLNTS  
ASSPEFPTPTSQLPVCEQSPKPLPSVAHSPLSLNLSQVDEQATASPAWQPAVDPQAYLNM  
IRMMQTPSNTSIFGNMGMNSHAASHPFVTPAESGDDNQETMEDGESSPSPSEEIKDDF  
PLLEMSVDNDSKPFICEHSNCQKRFANKFLLKXHQFIHTGLRPHSCPFNCNRFNRKDNL  
LRHKKTHLQNGTIDEAQFRAHGLHDAINGLMSGLTPPLLPDFKLESDFFSLDKDVFSGDK  
EPLILGKEAFMDKEPLTMGKELLTMRKEPFNLSQELLNLGKEKFSLNHEPLNLTTEPFDL  
RKEPFTFNKEMFLKPKKEEIPEN

>FGENESH: [mRNA] 6 1 exon (s) 49379 - 49599 219 bp, chain -  
GCTTGTGGAAGTACCGGTGCCTCAAACGGCTATGTCAAGTCGAACGGCTACGGACACAAC  
AACGGCTACGGACACAACGGCGGCCACAACAACGGCTACGGACACAACGCCGCATACAAC  
AAGAACCAGGGCTACAACAACGCCGGCTACGTGCGTGCAGGTGGCTACGTTCCGCCCTCCT  
CCCGGAACCTGCGGATTCATCCTCAACGTGGAGCAGTAA

>FGENESH: 6 1 exon (s) 49379 - 49599 72 aa, chain -  
ACGSTGASNGYVKSNGYGHNNGYGHNGHNNGYGHNAAYNKNQGYNNAGYVRRGGYVRRP  
PGTCGFILNVEQ