

FGENESH 2.6 Prediction of potential genes in Monocot genomic DNA

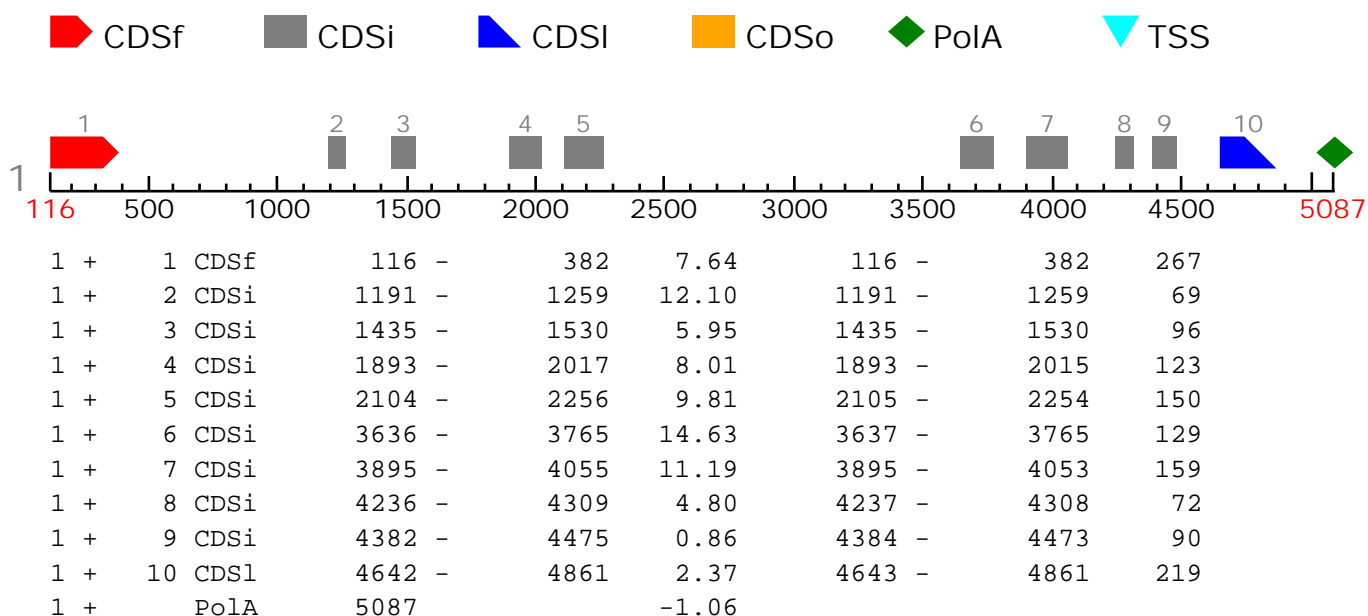
Seq name: test sequence

Length of sequence: 5187

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

Number of predicted exons 10: in +chain 10, in -chain 0.

Positions of predicted genes and exons: Variant 1 from 1, Score: 55.285675



Predicted protein(s):

>FGENESH:[mRNA] 1 10 exon (s) 116 - 4861 1389 bp, chain +
 ATGGCCGCGCGCTCATCGTCCCCGCAAACCCAAACCTACTCCAAACCCACCTCCTCC
 CTCCGTCCCCCATCGCGTGCCGCTCCAGTGTGCTCCGCTTCCCCCGCCGCGACCGCGCT
 CGAACCCATCTCACTGCCGCGTTTGGGAGGGGATCACCCGCGGCGGCGGCCGAGCGCGGC
 GGAAGGACTACTACGCTACGCTGAACCTCCGCGCGACGCCACCCTGCAGGAGGTCAAG
 ACGGCCTACCGTACCCTAGCGCGCAAGTACCATCCTGATATGAACAAGGACCCTGGGGCA
 GAAGAAAAGTTTAAGGAGATAAGTGCCGCATACGAGATTCTATCAGATGAAGAAAAAGA
 TCTCTGTATGACCGCTTTGGAGAAGCAGGGCTCACTGGAGATTATGGAGGTGGAGATATT
 GGCTCCAATGGGATTGATCCATATGAACTCTTCAATGCATTCTTTGGTGGCCCTGATAAG
 CTTTTTAGAGACAGCATGGGTGCTGGGAGATTCCATTATGGTACAAAAGTACAGACAAC
 AGGGGACTTGATATTCGATATGATCTTCTCCTTTCTTTTGAAGAATCAATAATTGGAGGC
 AAACGAGAAGTCAGCATTFTTTCGTTATGAAACCTGTGGCACTTGCCATGGAACCTGGTGCT
 AAATCTAGCAATGACATAACAGAATGTACTCAATGCAGAGGTCAAGGCAGGCGCGCAACT
 GGTGACCTATACATATTTGTTTCATGTTAATAAAAAAGAAGGCATCCACAGAGAAGGCCTC
 GATCTGTTCTCAGATGTCACAATAGATTATACTGATGCAATTTTAGGAACCACAGTGAAG
 GTTGAAACAATAGAGGGATTCAAGGATCTTTATATTCCTCCTGGCACTCAGCCTGGGGAG
 CGGCTGAAATTTGCTCAACTGGGAGCTCCAGACATTAAGAATCCTACCATTAGAGGAGAT
 CATAATTTTGTGATAAATGTGAAGATCCCGAAGAGTATCAGCAACCAAGAACGAACATTA
 GTACAAGAAATTGCAGCACTGAAGGAACTGGGTGTATTTCTGTTCCAGGTGAAGAGACT
 AAAACAGAGAAAATTTGGGAGAGAGAACTCCCATTTCATCCACAGGGAAGAGAAGATCC
 CTCTGGCGATCTATCAGGAATTTGTTTCAGGGGCGACGATGGGGATACGAGATTTGCTTCA
 ATCAGCGCACAACTCTGTTACTCCATTATGGACTCCGCGACGAGGATCTCATCCAGCTGTT
 CTGTTGCTAGAAGGATTCTGATGATCACAGTGCTCTTATTCGTGATAAGCAGAACTCGT

ATAATCAGGTCGACTCCAAAGCGGTATGATCGTCCTACTGAAGCTAAAGAAGCCGATGGA
GAGACTTAA

>FGENESH: 1 10 exon (s) 116 - 4861 462 aa, chain +

MAAALIVPANPNPTPNPTSSLRPPSRAASSVLRFPRRDRARTHLTAAFGRGSPAAAAERG
GKDYYATLNLRRDATLQEVKTAYRTLARKYHPDMNKDPGAEEKFKEISAAYEILSDEEKR
SLYDRFGEAGLTGDYGGGDIGSNGIDPYELFNAFFGGPKLFRDSMGAGRFHYGTKVTDN
RGLDIRYDLLLLSFEESIIGGKREVSIFRYETCGTCHGTGAKSSNDITECTQCRGQGRAT
GDLYIFVHVNKKEGIHREGLDLFSDVTIDYTDAILGTTVKVETIEGFKDLYIPPGTQPGE
RLKFAQLGAPDIKNPTIRGDHNFVINVKIPKISNQERTLVQEIAALKETGCISVPGEET
KNRENLGERNSHSSTGKRRSLWRSIRNLFRGDDGDTRFASISAQSVTPLWTPRRGSHPAV
LLEGLFLMITVLLFVISRTRIIRSTPKRYDRPTEAKEADGET