

IDENTIFICATION

Species: *Setaria viridis*

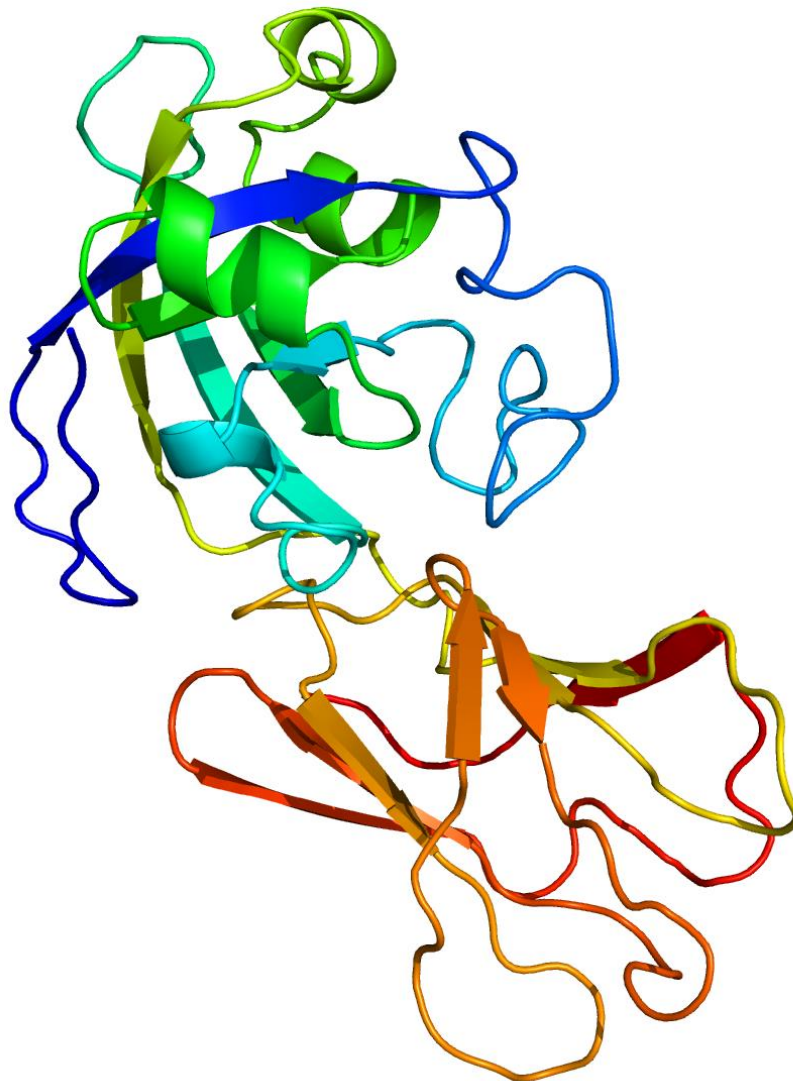
Locus: Sevir.1G264800

Gene Model: Sevir.1G264800.1.p

Description: SvEXPB-02

Family: Beta Expansin

3D structure:



GENOME DATABASES

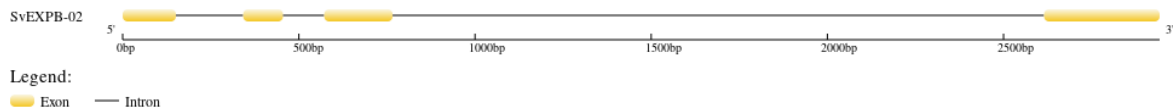
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

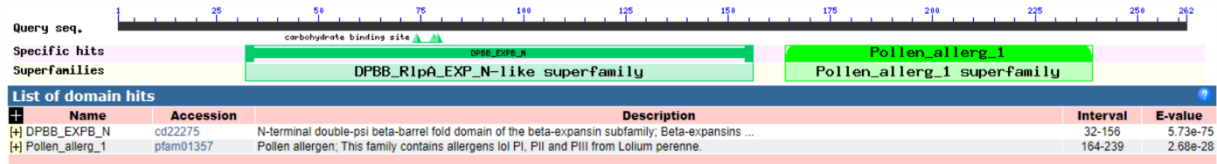
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPB-02

MASKIQVRFRTPFVALACLRLPGAPIELSDWSNDGGATWYGPPHGAGSDGGACGY
QNAVEQPPFSSMVTAGGLSIFQNGKGCSCFQVKCTEHASCSGSPVTVVLTDECPDG
ACQQEPVHFDLSGTAFGAMAKPGQDDLRLNAGRRLRVQYTRVPCNWHGMDVAFKV
DAGSNPYLAVLIECESEDGLRSVELIQSGGAWAPMQQSWGAVWKYNSGPALQAP
ISRLISGSGRVLIADKVIPPGWTPGRTYRSIVNFNFS*

CDS (coding sequence)

>SvEXPB-02

ATGGCTTCCAAGATCCAGGTCCGGTTTCGTTTCACACCCTTTGTGGCTCTCGCCTG
CCTTCTCCGTCCCGGGGCGCCATTGAGCTCTCCGACTGGTCCAACGACGGTGGC
GCGACGTGGTACGGCCACCCACGGAGCTGGGAGCGACGGTGGCGCGTGC
TACCAGAACGCCGTGGAACAGCCACCGTTCTCCTCCATGGTCACCGCCGGCGGCC
TGTCCATCTTCCAGAACGGCAAGGGCTGCGGCTCCTGCTTTCAGGTGAAATGCAC
CGAGCACGCGTCGTGCTCCGGCAGCCCGGTGACCGTGGTCTCACGGACGAGTGC
CCCGACGGCGCGTGCAGCAGGAGCCCGTGCACCTTCGACCTGAGCGGCACGGCG
TTCGGCGCCATGGCGAAGCCCGGCCAGGATGACCTGCTCCGCAACGCCGGCCGCC
TCAGGGTCCAGTACACTCGGGTGCCATGCAACTGGCACGGGATGGACGTCGCGTT
CAAGGTCGACGCCGGCTCGAACCATACTACTTGGCGGTGCTGATCGAGTGCGAG
TCCGAGGACGGCGACCTGCGGTCCGTGGAGCTCATAAGAGCGGTGGCGCGTGG
GCGCCGATGCAGCAGTCGTGGGGCGCGGTGTGGAAGTACAACCTCGGGCCCTGCC
CTCCAGGCACCCATCTCCCTCCGCCTCATCTCCGGCTCCGGCAGGGTGCTCATCGC
TGACAAGGTCATCCACCCGGGTGGACCCCGGCCGCACGTACCGCTCGATCGTC
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Nucleotide

>SvEXPB-02

ATGGCTTCCAAGATCCAGGTCCGGTTTCGTTTCACACCCTTTGTGGCTCTCGCCTG
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CGTGCCGTGCGCCGCCATGTGCGATCCTACACCTGCACATCACAAGCTAAGAGTA
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