

IDENTIFICATION

Species: *Setaria viridis*

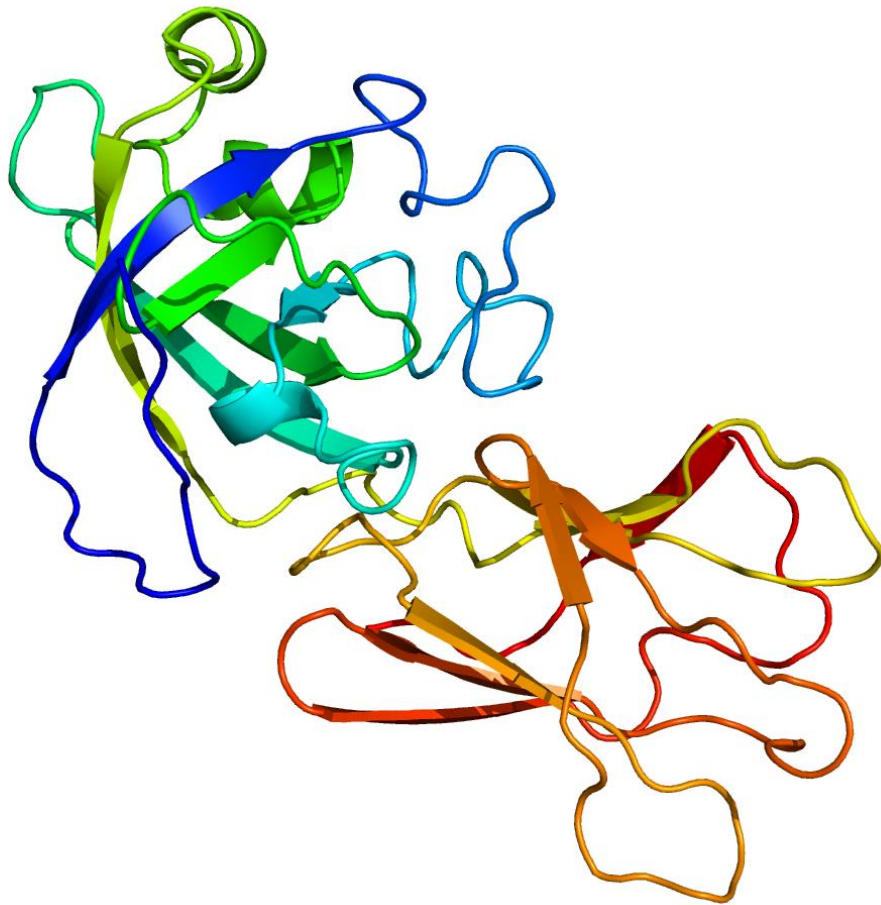
Locus: Sevir.8G199200

Gene Model: Sevir.8G199200.1.p

Description: SvEXPB-14

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

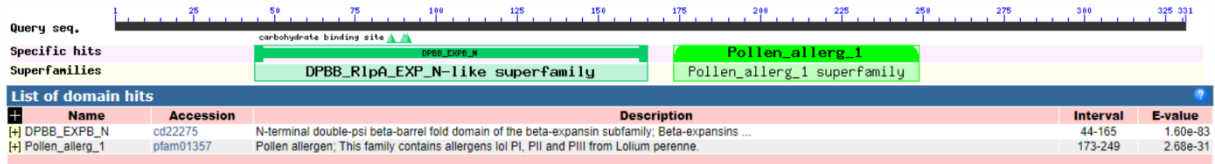
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPB-14

MASMIASSKMIALRALIFLLLVLVYGSCTRVNFNASHITADPYWVAARATWYGAPTG
AGPYDNGGACGFKNVNLPFSAMTSCGNQPLFKDGGKGCSCYQIRCLNHPACSGNP
ETVAITDMNYYPVAKYHFDLSGTAFGALAKPGRNDELRHAGIIDIQFKRVPCIYPGQ
MVTFHIEHGSNPNYLAVLVEFEDGDGDVVQVDLMEANSWWTPMRESWGSIWRLD
TRRPLTAPFSLRITNESGQKLVA YQVIPANWAPNTYYRSNIQYQAFSSDDGLDIGSAA
GLVTSMSGVLCGYAVGGVVCLQQFDENHNIPMNFVDSSAFVPHL*

CDS (coding sequence)

>SvEXPB-14

ATGGCATCCATGATCGCCTCGTCCAAGATGATTGCACTTCGTGCACTGATCTTCCT
CCTCCTTGTCTTGTATGGCTCATGCACTAGGATCGTCAACTTCAATGCCTCCCACA
TCACCGCAGACCCCTACTGGGTGGCTGCCAGGGCAACTTGGTATGGTGCGCCAAC
CGGCGCTGGCCCCTATGACAATGGTGGAGCTTGCGGGTTCAAGAACGTGAACCTG
CCTCCTTTCTCGGCCATGACGTCATGCGGCAACCAGCCCCTGTTCAAGGATGGCA
AGGGCTGCGGCTCGTGCTACCAGATAAGATGCCTCAACCACCCTGCATGCTCCGG
CAATCCGGAGACGGTGGCAATCACTGACATGAACTACTACCCAGTCGCCAAGTAC
CACTTTGACCTCAGCGGCACGGCGTTTGGTGCCTTGGCAAAGCCCGGCCGCAATG
ATGAGCTCCGCCACGCCGGCATCATCGACATCCAGTTCAAGAGGGTGCCCTGCAT
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CAACGAGTCTGGCCAGAAGCTGGTGGCTTACCAGGTCATCCCGGCCAACTGGGGC
CCAACACCTACTACCGCTCCAACATCCAGTACCAGGCTTTTAGCTCTGATGATG
GTCTGGATATTGGCTCTGCTGCTGGACTGGTGACAAGTGATATGTCGGGTGTCTT
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Nucleotide

>SvEXPB-14

GGCGAACGAGCCGCGAGACGGAGGCGCGGGGGCGGAGCGGATGGCGACCTAGG
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