

IDENTIFICATION

Species: *Setaria viridis*

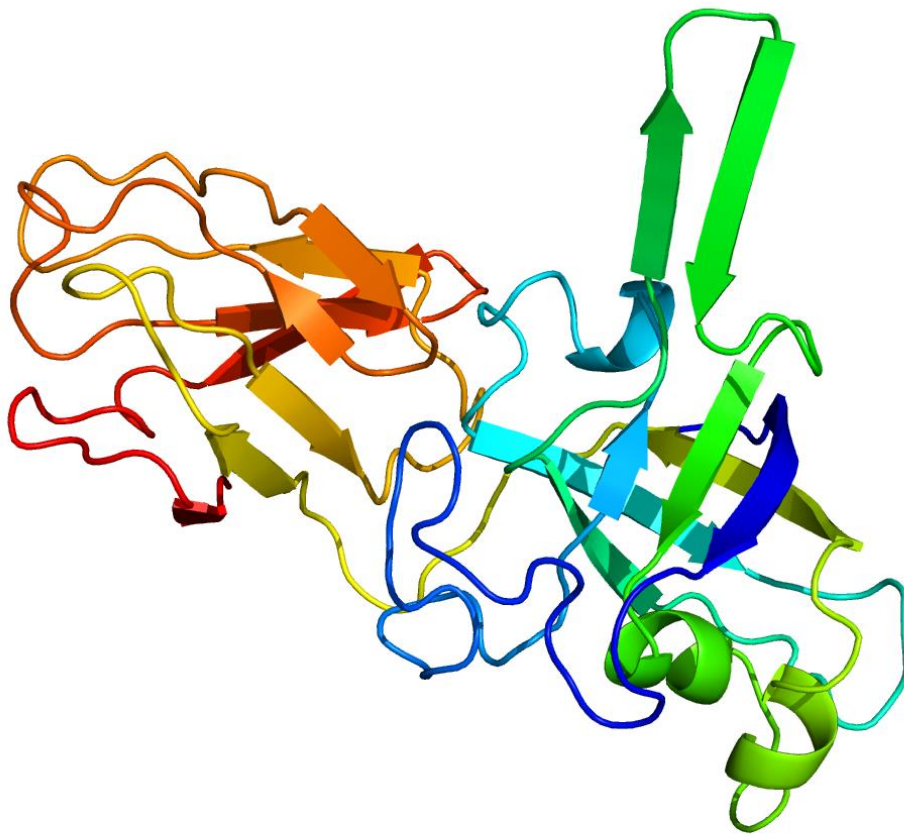
Locus: Sevir.9G155800

Gene Model: Sevir.9G155800.1.p

Description: SvEXPB-18

Family: Beta Expansin

3D structure:



GENOME DATABASES

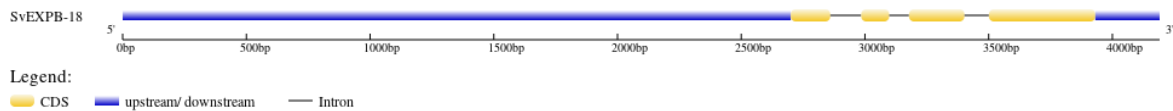
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

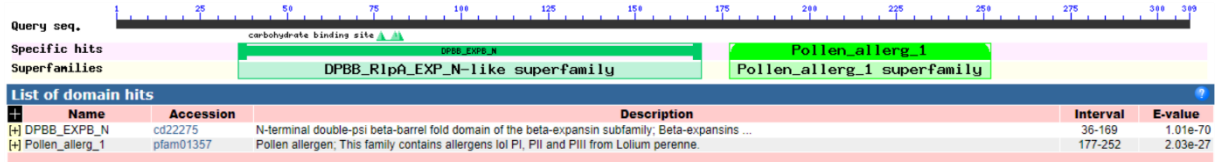
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPB-18

MASKIQRLSSFIAITVFASLLHPCVSIEFRHELSSWTTGIATWYGLDPNGAGSEGGACGY
 QYAVDQPPFSSLIAAGSPFIYDSGNGCGSCYQVVCSGNQACSGYPVTVVITDQGP
 GPCLSQASDGMCLNEGAFHDMSTAFGAMAKPGMADQLRAAGILQIQYTRVQCEW
 PGVDVTFSVDTGSNPNYLAVLIEYEDTESDLGVDIMQSSTGQWVPMQHSWGAVWR
 LNSGSALQGPFHRLTFSSGRVLIASNAIPAGWNAGVSYRSGGVAVTRARPRSAGCRG
 YKAAGAFGLVYHLLLLFVMLAL*

CDS (coding sequence)

>SvEXPB-18

ATGGCTTCCAAGATTCAGCGCTTGTCTCCTTCATTGCCATTACAGTTTTTGCTTC
 ACTCCTTCATCCTTGTGTGTCTATTGAGTTCGCCATGAGCTCTCCAGCTGGACCA
 CTGGCATTGCTACGTGGTATGGTGATCCTAATGGTGCCGGAAGTGAAGGTGGTGC
 ATGTGGGTACCAGTATGCTGTGCGACCAACCCCATTCCTCGTCCTTGATTGCTGCTG
 GCAGCCCTTTCATCTACGACTCTGGAAATGGATGTGGTTCTTGCTACCAGGTGGT
 ATGCTCTGGCAATCAAGCTTGCTCTGGTTACCCTGTGACTGTTGTCATCACTGACC
 AGGGCCCTGGTGGGGGTCCATGCCTGAGCCAAGCAAGTGATGGCATGTGCCTAA
 ACGAGGGCGCCCACTTCGACATGAGTGGGACGGCGTTTGGTGCCATGGCAAAGC
 CTGGAATGGCCGATCAGCTCCGTGCCGCTGGCATCCTACAAATCCAATACTCG
 GGTGCAGTGTGAATGGCCTGGAGTGGATGTAACCTTCTCTGTGGACACCGGTTCCG
 AACCCGAATATCTTGCCGTGCTCATCGAGTATGAGGACACTGAAAGTGACCTAT
 CGGGCGTCGATATCATGCAGAGCTCGACGGGGCAGTGGGTGCCGATGCAGCATT
 CGTGGGGTGCAGTGTGGAGGCTCAACTCTGGCTCTGCCCTCCAGGGCCCGTTCCA
 TATCCGACTGACTTTCAGCTCAGGCAGGGTGTCTCATCGCCAGCAACGCCATACT
 GCAGGGTGAACGCCGGCGTGTCTGACCGGTGAGGAGCGTGGCGGTGACGAGG
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Nucleotide

>SvEXPB-18

GTTATATTAATAAAAGAAAACCTTTGAACCAGACAATCATTGGTCTTCCGGGTTC
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