

IDENTIFICATION

Species: *Setaria viridis*

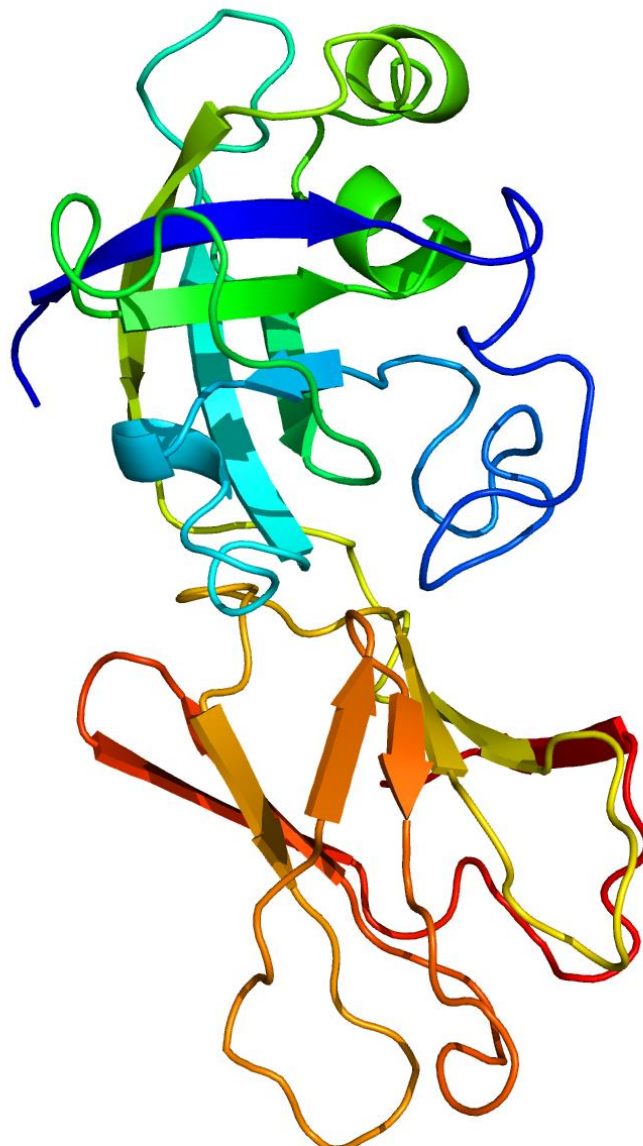
Locus: Sevir.9G155700

Gene Model: Sevir.9G155700.1.p

Description: SvEXPB-17

Family: Beta Expansin

3D structure:



GENOME DATABASES

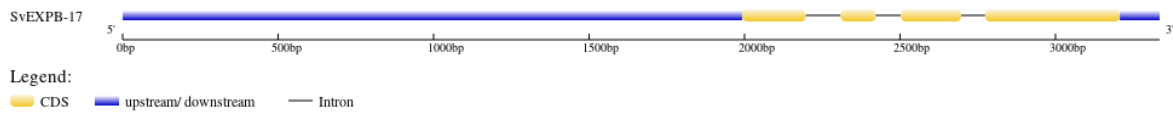
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

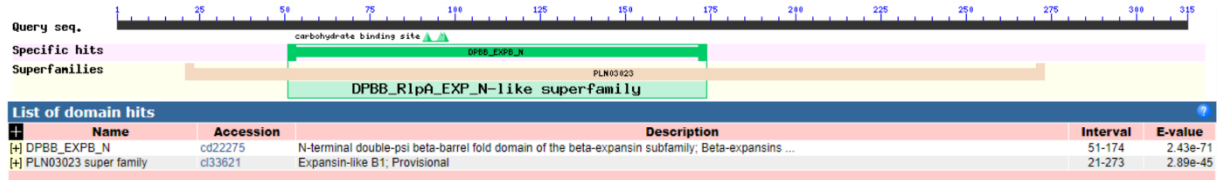
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPB-17

MSLTLSAVATCHRIVQCMASKIHPLSFIAITALAFLLHPCASIEFRRELSGWSNGIATWY
GTADGAGSDAGACGFQNDVDQPPFSSMIAAGCSSIYDSGKGCSCYQVVCTGNGAC
SGNPVTVVITDEPCDCPCDDQVHFDMSGTAFGAMAKPGQEGQLRGAGSIQIQYTRV
QCEWPGVNATFSVESGSSPSYLAVLIEYEDGSDLDAVDIMQGGSGQWVPMQQSWG
AVWKLNSASPLQGPFDIRLTFSSGRVLVASNAIPAGWNAGVAYRSGGVAVARARPRS
GGCRSHDAAGTSLGLVYVLLLVLVFGLEL*

CDS (coding sequence)

>SvEXPB-17

ATGTCCTTTGACCTTATCAGCCGTGGCTACATGTCACAGGGTGCAGTGTATGGCTTC
CAAGATCCATCCGTTGTCTTTCATTGCCATCACAGCTCTTGCCTTTCTTCTCCACCC
TTGTGCATCCATTGAGTTCGCCCGTGAGCTCTCTGGTTGGTCCAATGGTATCGCTA
CATGGTATGGCACAGCTGATGGTGCAGGAAGTGACGCTGGTGCCTGTGGGTTCCA
GAATGATGTTGACCAGCCACCATTCCTCCATGATCGCCGCTGGCTGCTCTTCCA
TCTACGACTCTGGCAAGGGCTGTGGTTCTTGCTATCAGGTGGTGTGCACTGGCAA
TGGTGCTTGCTCTGGTAACCCGGTGACTGTTGTATCACCGACGAGTGCCCTGACT
GCCCATGCCCGGATGACCAGGTGCACTTCGACATGAGCGGGACAGCGTTTGGTGC
CATGGCGAAGCCCGGCCAGGAAGGCCAGCTTCGTGGCGCCGGCTCCATCCAAT
CCAGTACACACGTGTGCAGTGCGAGTGGCCTGGAGTGAACGCCACCTTCTCCGTG
GAGTCCGGGTCCAGCCCGAGCTACCTGGCCGTGCTCATCGAGTACGAGGACGGC
GACAGCGACCTCGACGCCGTGGACATCATGCAGGGCGGGTCCGGGGCAGTGGGTG
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AGGGCCCCTTCGACATCCGCCCTGACGTTTACGCTCCGGCAGGGTGTCTCGTCCGAG
CAACGCCATAACCCGCGGGCTGGAACGCCGGCGTGGCGTACCGGTCCGGTGGCGT
GGCGGTGGCGAGGGCCAGGCCAGGAGCGGTGGCTGCCGGAGCCACGACGCTGC
CGGGACACTCAGCGGGCTGGTGTATGTCTCTACTTGTGTTGTTTGTGGGATTGG
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Nucleotide

>SvEXPB-17

CTTTTCGAGCATAAAACCCTGTTCCCCCTCCCTCGCTCAACCTCCAGTCTCCGCTCC
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