

IDENTIFICATION

Species: *Setaria viridis*

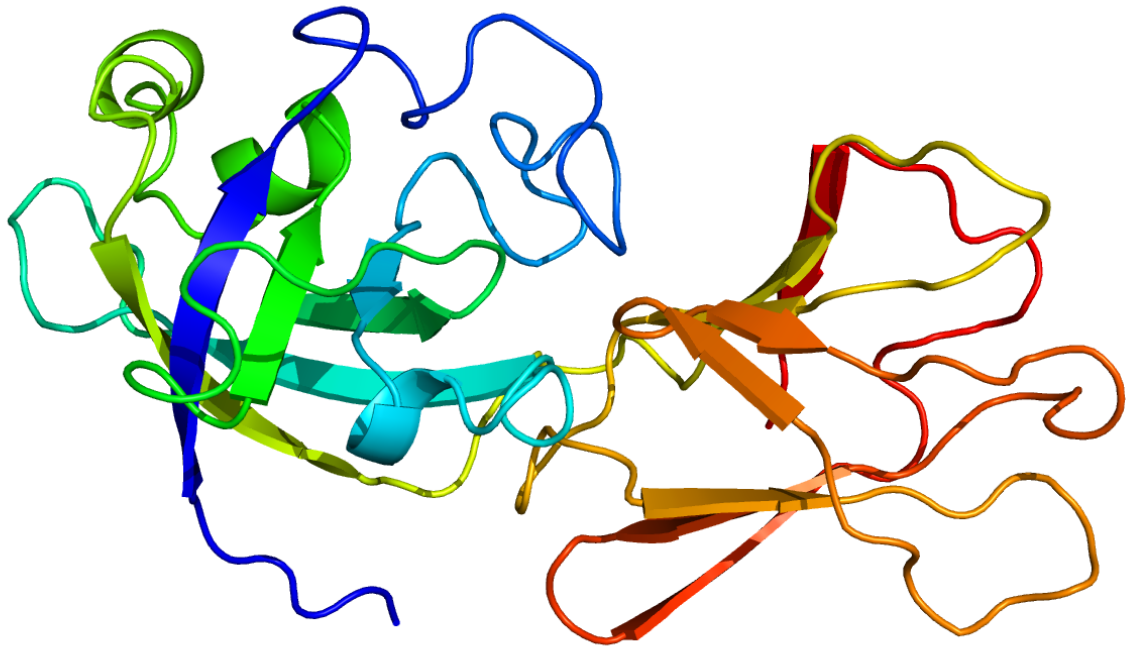
Locus: Sevir.9G155700

Gene Model: Sevir.9G155700.2.p

Description: SvEXPB-15

Family: Beta Expansin

3D structure:



GENOME DATABASES

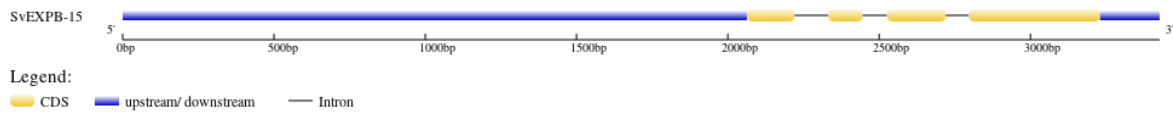
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

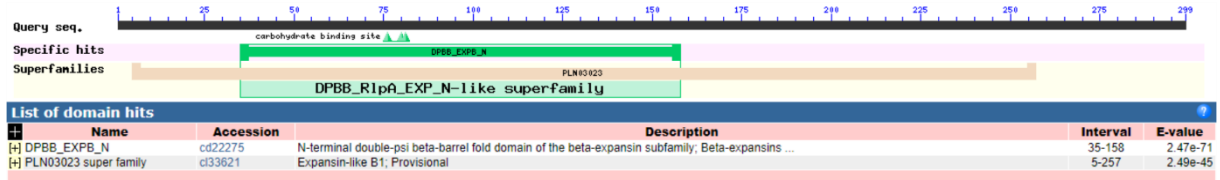
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPB-15

MASKIHPLSFIATALAFL LHPCASIEFRRELSGWSNGIATWYGTADGAGSDAGACGF
QNDVDQPPFSSMIAAGCSSIYDSGKGCSCYQVVCTGNGACSGNPVTVITDECPDC
PCPDDQVHFDMSTAFGAMAKPGQEGQLRGAGSIQIYTRVQCEWPGVNATFSVES
GSSPSYLA VLIEYEDGSDLD AVDIMQGGSGQWVPMQQSWGAVWKLNSASPLQGPF
DIRLTFSSGRVLVASNAIPAGWNAGVAYRSGGVAVARARPRSGGCRSHDAAGT LSG
LVYVLLLVLVFGLEL*

CDS (coding sequence)

>SvEXPB-15

ATGGCTTCCAAGATCCATCCGTTGTCTTTCATTGCCATCACAGCTCTTGCCTTTCTT
CTCCACCCTTGTGCATCCATTGAGTTCCGCCGTGAGCTCTCTGGTTGGTCCAATGG
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GGGTTCCAGAATGATGTTGACCAGCCACCATTCTCCTCCATGATCGCCGCTGGCT
GCTCTTCCATCTACGACTCTGGCAAGGGCTGTGGTTCTTGCTATCAGGTGGTGTGC
ACTGGCAATGGTGCTTGTCTGGTAACCCGGTGACTGTTGTCATCACCGACGAGT
GCCCTGACTGCCATGCCCGGATGACCAGGTGCACTTCGACATGAGCGGGACAGC
GTTTGGTGCCATGGCGAAGCCCGGCCAGGAAGGCCAGCTTCGTGGCGCCGGCTCC
ATCCAAATCCAGTACACACGTGTGCAGTGCAGTGGCCTGGAGTGAACGCCACCT
TCTCCGTGGAGTCCGGGTCCAGCCCGAGCTACCTGGCCGTGCTCATCGAGTACGA
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GTGGGTGCCGATGCAGCAGTCGTGGGGCGCCGTGTGGAAGCTGAACTCGGCTTCA
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Nucleotide

>SvEXPB-15

CCTTTCCAATTGCCAAGTCTGGACTTTTCGAGCATAAACCCCTGTTCCCCCTCCCTC
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