

IDENTIFICATION

Species: *Setaria viridis*

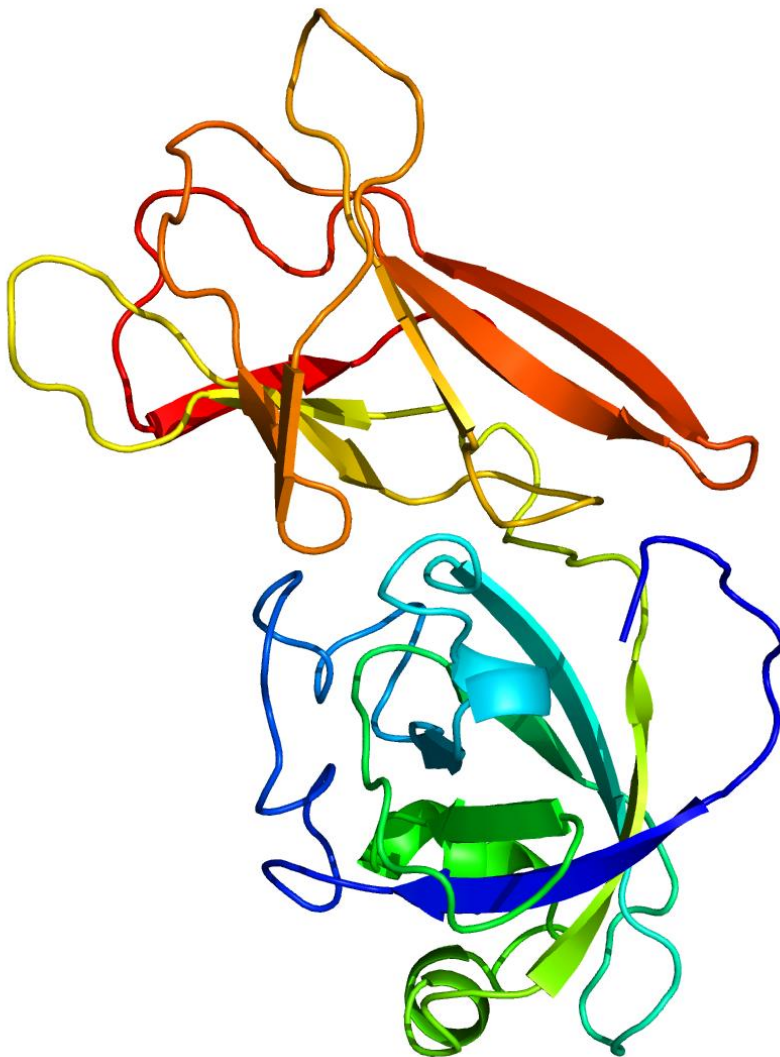
Locus: Sevir.9G343700

Gene Model: Sevir.9G343700.2.p

Description: SvEXLA-05

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

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

KEGG:-

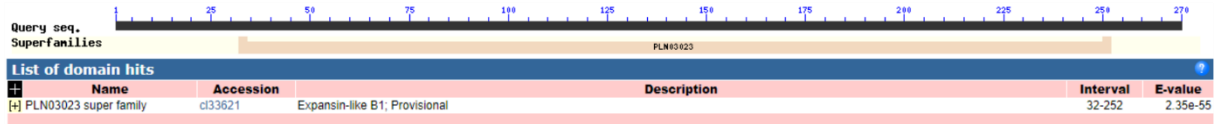
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXLA-05

MRSAASLSLVLLLVFVAVPSPARGCDRCVRRSKATYQASSLALNAGSCGYGSLAASL
NGGFLAAASPELYRGGVVGCGACFQVRCRDELCSAAGTKVVVTGQARTSSNRTGLV
LSAAA YAAMARAGEAARLRAHRVVDVEYKRIPCEYANRNLSIRVEEKSRPPS QLSIR
FLYQGGQTDIVAVDVATVGSNNWRFMTREHGPAWSTAQAPAGPLQFRLVVTGGYD
GKWVWAESEVLPRRWEAGR VYDTGVQVADVAQEGCYPCDTHEWQ*

CDS (coding sequence)

>SvEXLA-05

ATGAGGAGCGCCGCGTCCCTGTCCCTCGTCTTGCTCCTCGTCTTCGTCGCGGTCCC
GTCTCCGGCTCGCGGCTGCGACCGCTGCGTGCGCCGGTCCAAGGCCACCTACCAA
GCCTCATCGCTCGCCCTCAACGCCGTTCTTGCGGGTACGGCTCCCTGGCCGCGTC
CTTAAACGGCGGCTTCCTCGCCGCGGCCAGCCCCGAGCTCTACAGGGGCGGGCGTC
GGCTGCGGCGCCTGCTTCCAGGTGCGGTGCAGGGACAGCGAGCTGTGCAGCGCC
GCCGGCACCAAGGTGGTGGTGACGGGCCAGGCGCGGACCTCCTCGAACCGCACG
GGCCTGGTGCTGAGCGCCGCGGCGTACGCGGCCATGGCCCGCGCCGGCGAGGCC
GCGCGGCTCCGGGCGCATCGCGTCGTGGACGTCGAGTACAAGAGGATCCCATGC
GAGTACGCGAACCGCAACCTGTCCATCCGCGTGGAGGAGAAGAGCCGGCCGCCG
AGCCA ACTGTCCATCAGGTTCTGTACCAGGGCGGCCAGACCGACATCGTCGCCG
TCGACGTCGCCACGGTCGGGTCGTGCGAACTGGCGGTTTCATGACGCGGGAGCACG
GGCCGGCGTGGAGCACGGCGCAGGCGCCGGCGGGGCCCTGCAGTTCCGCCTGG
TGGTGACCGGCGGGTACGACGGCAAGTGGGTGTGGGCGGAGTCGGAGGTGCTGC
CGCGGCGGTGGGAGGCCGGCCGCGTCTACGACACCGGGGTGCAGGTCGCCGACG
TCGCGCAGGAAGGGTGCTACCCCTGCGACACGCACGAGTGGCAGTGA

Nucleotide

>SvEXLA-05

TTTTCTTCCCATAGCTGGAATAGGAATACTACGGCTGTCAGGTGTTCAATCACTG
CCATAAAAATCACCGCGGGATCGAACGCAAATCAACACACCGATAATCATGAAC
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CACTTACCGACGGCCACGTGCCAGGCTGCCGGGAACGGTACTGCGCCAGCCCAG
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