

IDENTIFICATION

Species: *Setaria viridis*

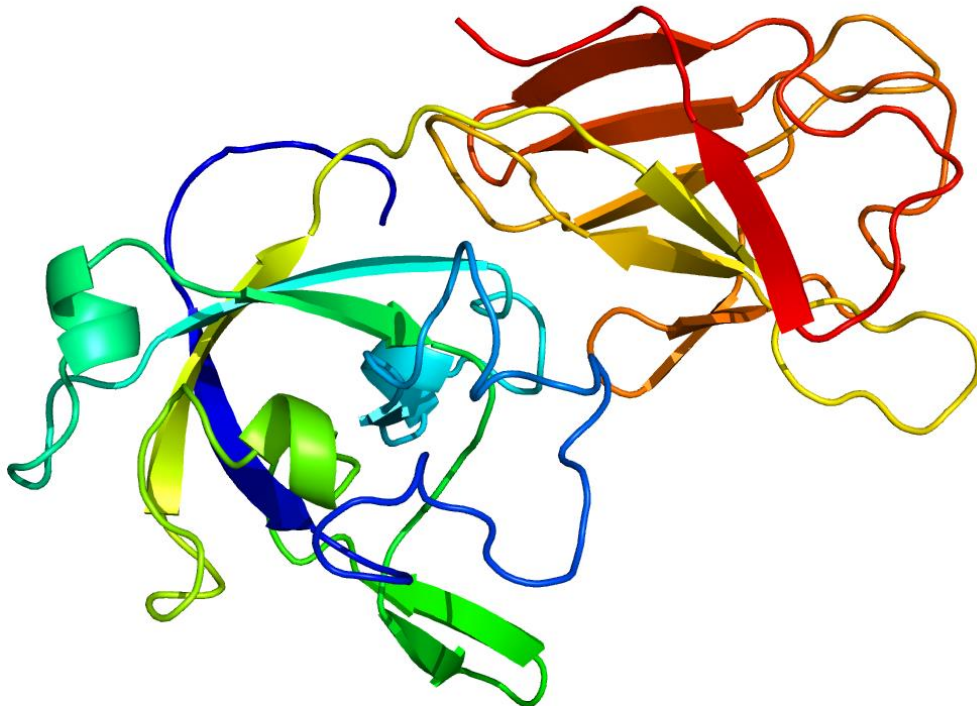
Locus: Sevir.9G241400

Gene Model: Sevir.9G241400.1.p

Description: SvEXPA-24

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

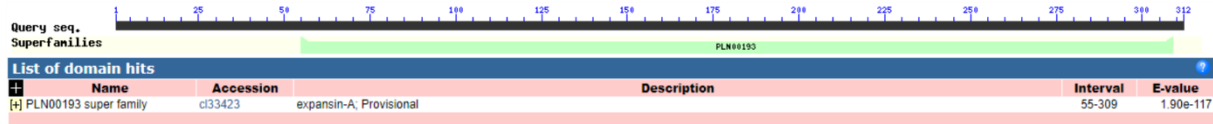
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPA-24

MVSASSASVLLLLFKAPYARPGRNNPSTIVRSTSSFSCPLSRSPAHLTGAIIAANKMG
SATAMLLEFVAVAALLATSATAQYWNSGTATFYGGKDGSGTMGGACGYDNLYNQ
GYGVLNAALSQVLFNDGASCGQCYNIKCDTSKSAWCKPGYSVTITATNLCPPNYAIT
TNGGGWCNPPRAHFDMSQPAWEQIGIYRAGIIPVLYQRVPCSRQGGVRFITISGFNYFQ
LVLVTNVAASGSIRSMSVKGANTGWIAMTRNWGALWQCSSALVGQGLSFMVISTGG
QTLYMNNVVPGWWTFTGMFTATNLQFYQ*

CDS (coding sequence)

>SvEXPA-24

ATGGTATCGGCCTCGTCAGCTTCAGTCCTCCTGCTCTTATTTAAGGCGCCGTACAC
TGCCCGTCCTGGTCGTAACAATCCATCCACCATCGTCCGATCGACTTCTAGCTTCT
CTTGTCCTCTCTCTAGATCCCCAGCTCATCTCACAGGTGCCATCATCGCTGCCAAC
AAGATGGGCAGCGCCACGGCGATGCTGCTTGAAGTTCGTCGCCGTTGCCGCGCTTC
TCGCCACGTCGGCGACGGCGCAGTACTGGAACAGCGGGACGGCGACGTTCTACG
GCGGCAAGGACGGTTCGGGACGATGGGCGGCGCGTGCGGGTACGACAACCTGT
ACAACCAGGGGTACGGCGTGCTGAACGCGGCGCTGAGCCAGGTGCTGTTCAATG
ACGGCGCGTCATGCGGGCAGTGCTACAACATCAAGTGCACACCAGCAAGTCCG
CGTGGTGCAAGCCCGGCTACTCCGTCACCATCACCGCCACCAACCTGTGCCCGCC
CAACTACGCCATCACCAACCGGCGGCGGCTGGTGCAACCCGCCGCGCGCACA
CTTCGACATGTCCCAGCCGGCGTGGGAGCAGATCGGCATCTACCGCGCCGGC
ATCCCCGTCTCTACCAGCGGGTGCCGTGCTCCAGGCAGGGAGGGGTGAGGTTCA
CCATCTCCGGGTTCAACTACTTCCAGCTGGTGCTCGTCACCAACGTCGCCGCCAG
CGGCTCCATCCGGTCCATGTTCGGTGAAGGGGGCCAACACCGGGTGGATCGCCATG
ACGCGGAAC TGGGGCGCGCTGTGGCAGTGCAGCTCGGCGCTCGTCGGCCAGGGG
CTCTCCTTCATGGTCATCTCCACCGGCGGCCAGACGCTGTACATGAACAACGTCG
TGCCGGGGTGGTGGACCTTCGGCATGACCTTCGCCACCAACCTCCAGTTTTACCA
ATAG

Nucleotide

>SvEXPA-24

TAATTGTCAAGGCTTTGACATGGCGCCCTGCATTTGCATATATGCACGCGCATGT
GAGCTTCGCTAGCGTTAGGACTTAGGAGGGCCGCGGGCAATCACCGCCCTATAT
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CGGTACTCTGCAATTCTGAGCTTGCAGGCGGGCGCGTGCGGGTACGACAACCTGTA
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CAACTACTTCCAGCTGGTGCTCGTCACCAACGTCGCCGCCAGCGGCTCCATCCG
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ATTAAGTTTATCAGAAC