

IDENTIFICATION

Species: *Setaria viridis*

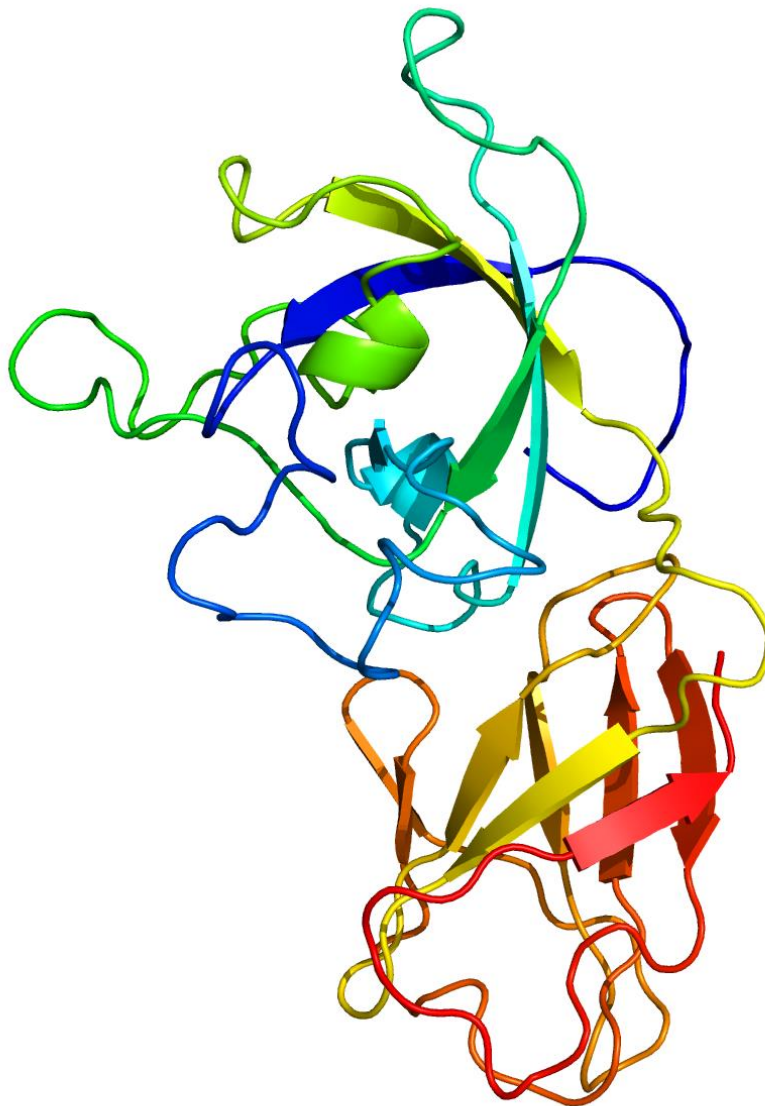
Locus: Sevir.5G368500

Gene Model: Sevir.5G368500.1.p

Description: SvEXPA-17

Family: Alpha Expansin

3D structure:



GENOME DATABASES

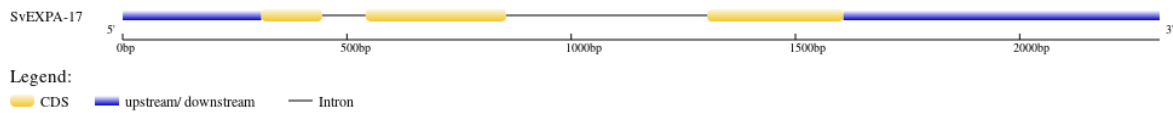
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

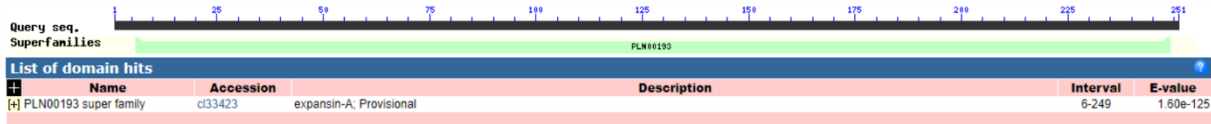
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPA-17

MATANVLLLLCSAVCFLARRAAGDYGGWQSAHATFYGGGDASGTMGGACGYGNL
YSTGYGTNTAALSTALFNDGASCGQCFELRCDNAGASCLPGTITVTATNFCPPNYGLP
SDDGGWCNPPRPHFDMAQPAFLQIAQYRAGIVPVA YRRVPCVKKGGIRFTINGHSYF
NLVLVTNVAGAGDVQSVSIKGSSTGWQAMSRNWGQNWQSNLLDGQALSFKVTAS
DGRCVTSNNAAPAGWSFGQTFEGSQF*

CDS (coding sequence)

>SvEXPA-17

ATGGCAACCGCCAATGTCCTCCTCCTGCTCTGCTCCGCCGTCTGCTTCCTCGCCCG
CCGGGCCCGCCGGCGACTACGGCGGGTGGCAGAGCGCCACGCCACGTTCTACGG
CGGCGGCGACGCGTCCGGCACAATGGGCGGGGCGTGCGGGTACGGGAACCTGTA
CAGCACCGGGTACGGCACGAACACGGCGGGCGCTGAGCACGGCGCTGTTCAACGA
CGGCGCCTCCTGCGGGCAGTGCTTCGAGCTGCGCTGCGACAACGCCGGGGCGTGC
TGCCTGCCGGGCACCATCACCGTGACGGCCACCAACTTCTGCCCGCCAACTACG
GCCTCCCAGCGACGACGGCGGCTGGTGCAACCCGCCGCGCCCGCACTTCGACAT
GGCCAGCCAGCCTTCCTCCAGATCGCCAGTACCGCGCCGGCATCGTGCCCGTC
GCCTACAGGAGGGTGCCGTGCGTGAAGAAGGGCGGGATCCGGTTCACCATCAAC
GGCCACTCCTACTTCAACCTGGTGCTGGTGACCAACGTGGCCGGGCGCCGGCGACG
TGCAGTCCGTGTCCATCAAGGGCTCCAGCACTGGGTGGCAGGCCATGTCCCGCAA
CTGGGGCCAGA ACTGGCAGAGCAACTCGCTCCTCGACGGCCAGGCCCTCTCCTTC
AAGGTCACCGCCAGCGACGGCCGCTGCGTCACCAGCAACAACGCCGCGCCCGCC
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Nucleotide

>SvEXPA-17

GCACCCCGCATGTGCGCCTGATTCGTATGTGCTAACCGCCGTCGTGTACCTCGCCT
CTCGTGGTTCGGCGGAGGTAGCGAGCGCTAGCGCCGGAGCCCCCACCTCCACTA
TCTCTTTTGTCTCGTTTTCCCTGCCCTCCACGAAAGTTATTAACGATTCCAACC
GCCGGGGGCACTGACCGTTGGCCTATAAGTAGCCGGCCTCGGCGCGCCACTCCC
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