IDENTIFICATION

Species: *Setaria viridis*

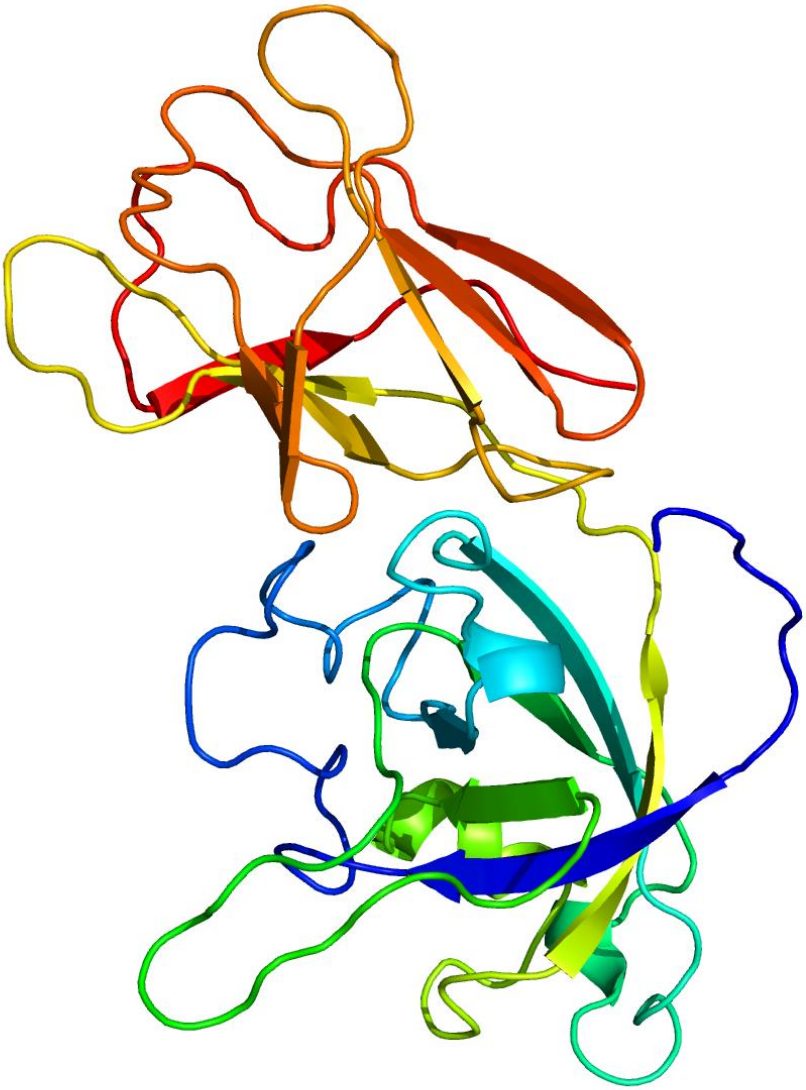
Locus: Sevir.9G241700

Gene Model: Sevir.9G241700.1.p

Description: SvEXPA-27

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

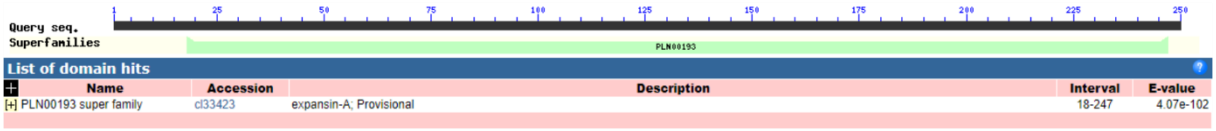
KEGG:-

EXTERNAL RESOURCES

-

GENE STRUCTURE

DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPA-27

MAKSLILCTALAACLTIAAADWSQGTATFYGGPDGSDTMGGACGYGNLYNAGYGIN
NAALSETLFKDGASCGQCYLIICDGSRPGGQYCKHGTAITITATNLCPANYALPNGG
WCGPGRPHFDMSQPAWENIGVYQAGIIPIVYQQVKCWRNGGVRFSIAGFNYFLLVNI
QNLAGSGSVGAAWIKGDNTGWIQMSRNWGANWHALSGLVGQGLSFAVTSTGGQYI
QFLNVVPGWWQFGQTYNTYQNFDY*

CDS (coding sequence)

>SvEXPA-27

ATGGCCAAGTCCCTGATCTTGTGCACAGCGCTCGCGGCGTGCCTGACGATTGCCG
CCGCCGACTGGTCTCAAGGCACCGCCACGTTCTACGGCGGACCCGACGGTTCCGA
CACCATGGGCGGCGCTTGCGGTTACGGGAACCTGTACAACGCCGGGTACGGCATC
AACAACGCGGCGCTGAGCGAGACGCTGTTCAAGGATGGCGCGTCGTGCGGGCAG
TGCTACCTCATCATCTGCGACGGGTCACGCCCGGGCGGCCAGTACTGCAAGCACG
GCACGGCGATCACCATCACGGCCACCAACCTGTGCCCGGCCAACTACGCGCTGCC
CAACGGCGGTTGGTGCGGCCCGGGGCGCCCCCACTTCGACATGTCGCAGCCGGCG
TGGGAGAACATCGGCGTCTACCAGGCCGGCATCATCCCCATCGTCTACCAGCAGG
TCAAGTGCTGGCGCAACGGTGGCGTGCGCTTCAGCATCGCCGGGTTCAACTACTT
CCTCCTCGTCAACATCCAGAACCTGGCCGGCAGCGGCTCCGTAGGCGCAGCCTGG
ATCAAGGGCGACAACACTGGGTGGATCCAGATGTCCAGGAACTGGGGCGCCAAC
TGGCATGCGCTCTCCGGACTAGTCGGCCAGGGGCTTAGCTTCGCCGTGACCAGCA
CCGGTGGGCAGTACATTCAGTTCCTTAACGTCGTGCCAGGATGGTGGCAGTTCGG
CCAGACCTACAACACATACCAGAACTTCGACTACTGA

Nucleotide

>SvEXPA-27

CAAACCAAACAAAACCCTCACTGCCATCTCGTGCTCCACAGGAATGGCCAAGTCC
CTGATCTTGTGCACAGCGCTCGCGGCGTGCCTGACGATTGCCGCCGCCGACTGGT
CTCAAGGCACCGCCACGTTCTACGGCGGACCCGACGGTTCCGACACCATGGGTAA
GCTTACTGATGTGTTGCATTTTGGTGCAAGAGCATTCTTGCAAACTGCACACATAC
GTGCTGATGGCGTCGGCCGTCGCTAATGCATGCGTATGTTTGATGTATACAGGCG
GCGCTTGCGGTTACGGGAACCTGTACAACGCCGGGTACGGCATCAACAACGCGG

CGCTGAGCGAGACGCTGTTCAAGGATGGCGCGTCGTGCGGGCAGTGCTACCTCAT
CATCTGCGACGGGTCACGCCCGGGCGGCCAGTACTGCAAGCACGGCACGGCGAT
CACCATCACGGCCACCAACCTGTGCCCGGCCAACTACGCGCTGCCCAACGGCGGT
TGGTGCGGCCCGGGGCGCCCCCACTTCGACATGTCGCAGCCGGCGTGGGAGAAC
ATCGGCGTCTACCAGGCCGGCATCATCCCCATCGTCTACCAGCAGGTCAAGTGCT
GGCGCAACGGTGGCGTGCGCTTCAGCATCGCCGGGTTCAACTACTTCCTCCTCGT
CAACATCCAGAACCTGGCCGGCAGCGGCTCCGTAGGCGCAGCCTGGATCAAGGG
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GCTCTCCGGACTAGTCGGCCAGGGGCTTAGCTTCGCCGTGACCAGCACCGGTGGG
CAGTACATTCAGTTCCTTAACGTCGTGCCAGGATGGTGGCAGTTCGGCCAGACCT
ACAACACATACCAGAACTTCGACTACTGAAAACTTACAGGTAGCAGAGTGAGAT
CGATCCTCGTTATATAGCCATCTATTGTGGTTCAAATTCGGTCGTATGTAGGGTGT
GTTGTATCTCTCCTACGTGGCCTCAGAACTGCATGTGTAAATGGCAGGGAGGATG
AAGAAGGGATCCCACCCAGACCTTTAAGGCCCTCCTCAAAATTTTCCTCCTGTAG
TTACAACACTTTTTTTTTGGTTTTGAGAATTATGCTTTTCAACACTGTACATCGAA
CTATAAGTACGTTCTGTAGTGTGTTATGTGGCGACTTCCAAATTTTTGTGGTCAAT
ACATATTATATTGTCGTATCTGGATAGAT