IDENTIFICATION

Species: *Setaria viridis*

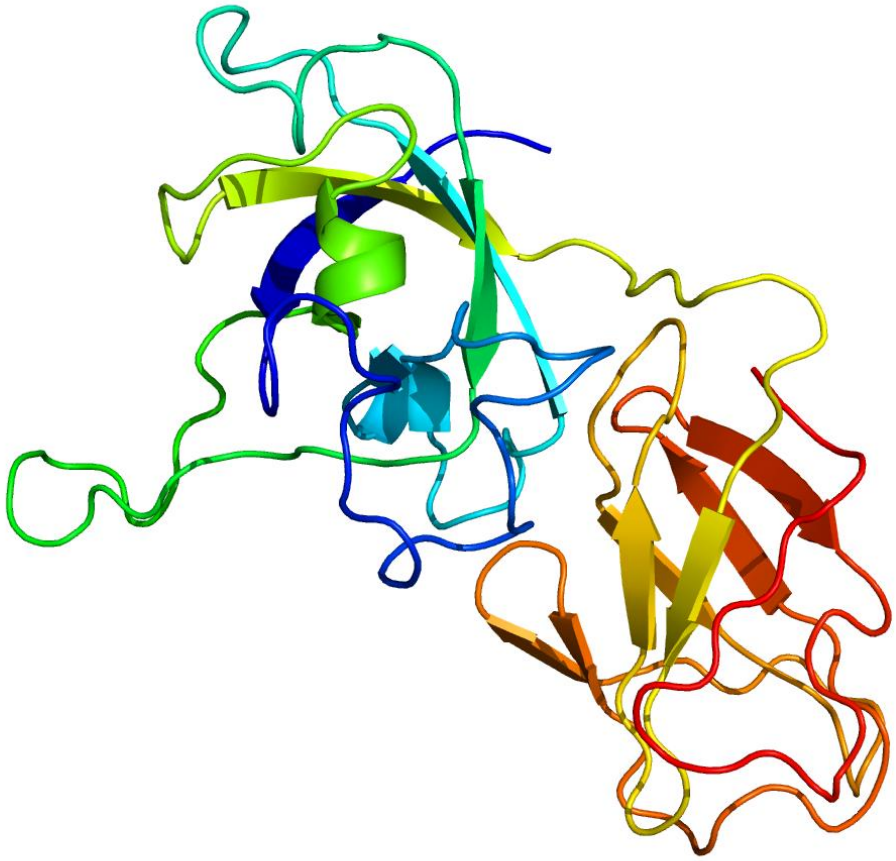
Locus: Sevir.9G241300

Gene Model: Sevir.9G241300.1.p

Description: SvEXPA-23

Family: Alpha Expansin

3D structure:



GENOME DATABASES

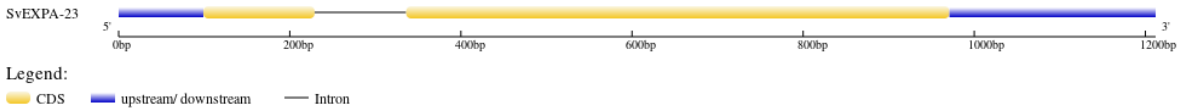
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

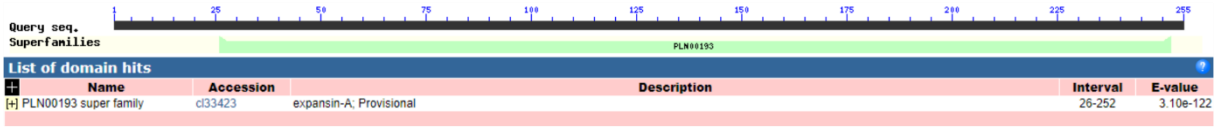
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPA-23

METPRPLAVFLAVAALLAAPAVVAAWSKGTATFYGGSDASGTMGGACGYGNLYST
GYGTATTALSQALFSGGASCGQCFQIMCDSQTDGRWCRAGVSVTVTATNLCPPNYA
VPSDNGGWCNPPRAHFDMAQPAWVQIGVYQGGIIPVLYQRVRCVKQGGVRFTITGF
NHYELVLISNVGGSGSVASAWVQGTSTNRVPMSRNWGANWQSLAGIAGQALTFGV
TTTGGQTIVFQNVVPVNWAFGMSFISNLQFSY*

CDS (coding sequence)

>SvEXPA-23

ATGGAGACGCCCAGACCTCTAGCGGTCTTCCTCGCCGTCGCCGCGCTGCTCGCGG
CGCCGGCCGTCGTGGCGGCCTGGTCCAAGGGCACGGCCACGTTCTACGGCGGCA
GCGACGCCTCCGGCACAATGGGCGGCGCGTGCGGGTACGGCAACCTGTACTCGA
CGGGGTACGGCACGGCGACGACGGCGCTGAGCCAGGCGCTGTTCAGCGGCGGCG
CGTCATGCGGGCAGTGCTTCCAGATCATGTGCGACTCGCAGACGGACGGGCGGTG
GTGCCGGGCGGGCGTCTCCGTGACCGTGACGGCCACCAACCTCTGCCCGCCCAAC
TACGCGGTCCCCAGCGACAACGGCGGGTGGTGCAACCCGCCGCGGGCGCACTTC
GACATGGCGCAGCCGGCCTGGGTCCAGATCGGCGTCTACCAGGGCGGCATCATCC
CCGTGCTGTACCAGCGGGTGCGGTGCGTCAAGCAGGGCGGCGTGCGCTTCACCAT
CACGGGGTTCAACCACTACGAGCTCGTGCTCATCTCCAACGTCGGCGGCAGCGGC
TCGGTGGCCAGCGCGTGGGTGCAGGGCACCTCCACCAACCGGGTGCCCATGAGC
AGGAACTGGGGCGCCAACTGGCAGTCGCTCGCCGGGATCGCCGGCCAGGCGCTC
ACCTTCGGCGTCACCACCACCGGCGGACAGACCATCGTGTTCCAGAACGTGGTGC
CGGTGAACTGGGCGTTCGGCATGTCATTCATAAGCAACCTGCAGTTCTCCTACTG
A

Nucleotide

>SvEXPA-23

TCACACCACTTGTCAACAGTTCCTCTTCGATCGTGAGCTTTTCGTGTGATCGATCT
TCACTTGATCATCCTACTGTTCGTGACGCAGGGAGCGGCGGCAATGGAGACGCCC
AGACCTCTAGCGGTCTTCCTCGCCGTCGCCGCGCTGCTCGCGGCGCCGGCCGTCG
TGGCGGCCTGGTCCAAGGGCACGGCCACGTTCTACGGCGGCAGCGACGCCTCCG
GCACAATGGGTACGTGACCTATATATGCACGCGCTACCTAGCTTCAAGCCTTCAA

GTATTGAACAGAACAATTTCTCCTGCACGGTCCATGCATAATGAACGATGCATGT
AAACAGGCGGCGCGTGCGGGTACGGCAACCTGTACTCGACGGGGTACGGCACGG
CGACGACGGCGCTGAGCCAGGCGCTGTTCAGCGGCGGCGCGTCATGCGGGCAGT
GCTTCCAGATCATGTGCGACTCGCAGACGGACGGGCGGTGGTGCCGGGCGGGCG
TCTCCGTGACCGTGACGGCCACCAACCTCTGCCCGCCCAACTACGCGGTCCCCAG
CGACAACGGCGGGTGGTGCAACCCGCCGCGGGCGCACTTCGACATGGCGCAGCC
GGCCTGGGTCCAGATCGGCGTCTACCAGGGCGGCATCATCCCCGTGCTGTACCAG
CGGGTGCGGTGCGTCAAGCAGGGCGGCGTGCGCTTCACCATCACGGGGTTCAACC
ACTACGAGCTCGTGCTCATCTCCAACGTCGGCGGCAGCGGCTCGGTGGCCAGCGC
GTGGGTGCAGGGCACCTCCACCAACCGGGTGCCCATGAGCAGGAACTGGGGCGC
CAACTGGCAGTCGCTCGCCGGGATCGCCGGCCAGGCGCTCACCTTCGGCGTCACC
ACCACCGGCGGACAGACCATCGTGTTCCAGAACGTGGTGCCGGTGAACTGGGCG
TTCGGCATGTCATTCATAAGCAACCTGCAGTTCTCCTACTGATTGTCATGTCACAC
CCTGCACTTTATTAGAGCCTAGCTAGGATGGAGCACTGACTGCTGGCTATAGCAT
TCAAGCCGTCAGTAGATAGATTATTTGGGAAAAGCTCTCCGGCTGGAGCATTGCA
TTTGAATCATGTGCAGATATGTTCGTTTTCAGTCTGTATGTGTAACTTGATTGATT
GCAGTAACTCAGACTCCACGTCACGCTAGCGCCTAGCTAGCCATGTACACCCTCT
GAATTC