IDENTIFICATION

Species: *Setaria viridis*

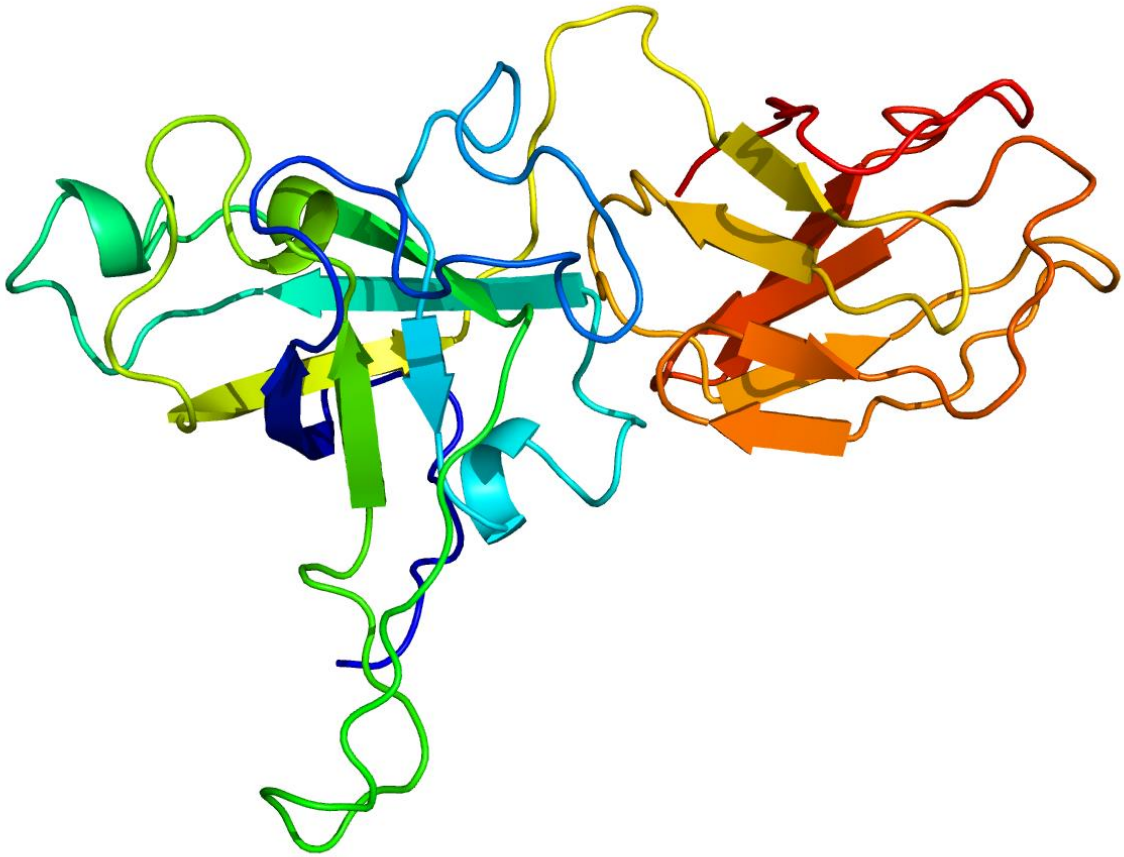
Locus: Sevir.9G031600

Gene Model: Sevir.9G031600.1.p

Description: SvEXPA-22

Family: Alpha Expansin

3D structure:



GENOME DATABASES

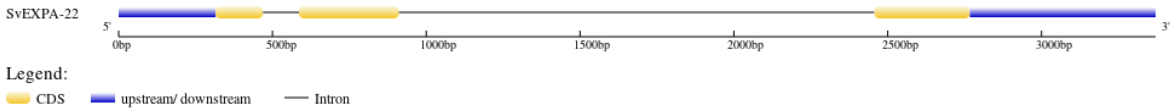
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

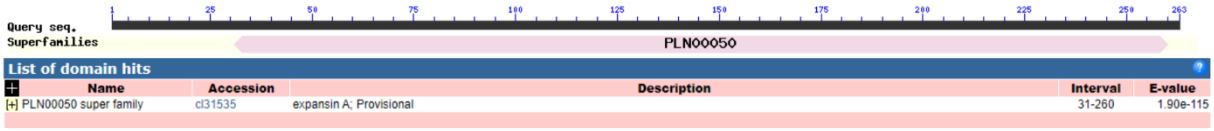
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPA-22

MAAMPALLLLVAAAAALVLPAAARIPGVYGGGAWQSAHATFYGGSDASGTMGGA
CGYGNLYSQGYGVNNAALSTALFNEGQSCGACFEIKCENQPGWRWCHPGSPSILVT
ATNFCPPNYALPSDDGGWCNPPRPHFDLAMPMFLHIAEYRAGIVPVSYRRVPCRKSG
GIRFTINGFRYFNLVLITNVAGAGDIVRASVKGSGTGWLPMSRNWGQNWQSNAILVG
DALSFRVTGSDRRTSTSWNAAPRNWQFGQTFEGKNFRV*

CDS (coding sequence)

>SvEXPA-22

ATGGCGGCAATGCCTGCGCTGCTTCTCCTGGTGGCCGCGGCCGCCGCGCTGGTCC
TCCCCGCCGCCGCCCGCATTCCCGGCGTGTACGGCGGCGGCGCCTGGCAGAGCGC
GCACGCCACGTTCTACGGCGGCAGCGACGCCTCGGGCACCATGGGCGGCGCGTG
CGGTTACGGCAACCTGTACAGCCAGGGTTACGGCGTGAACAACGCGGCGCTGAG
CACGGCGCTGTTCAACGAGGGGCAGAGCTGCGGCGCCTGCTTCGAGATCAAGTG
CGAGAACCAGCCCGGGTGGCGGTGGTGCCACCCCGGGAGCCCCTCCATCCTGGTC
ACGGCCACCAACTTCTGCCCGCCAAACTACGCGCTCCCCTCCGACGACGGCGGGT
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GCCGAGTACCGCGCCGGCATCGTCCCCGTCTCCTACCGCCGGGTGCCGTGCCGCA
AGTCCGGCGGGATTCGGTTCACCATCAACGGCTTCCGCTACTTCAACCTGGTGCT
CATCACGAACGTGGCCGGGGCCGGCGACATCGTGCGCGCGAGCGTGAAGGGCTC
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Nucleotide

>SvEXPA-22

GTACCACGCCATCAGGCAGTTCACCATCGCGCGGAGCCTCCGCGCTCGTTTCTCTT
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CGACG