

IDENTIFICATION

Species: *Setaria viridis*

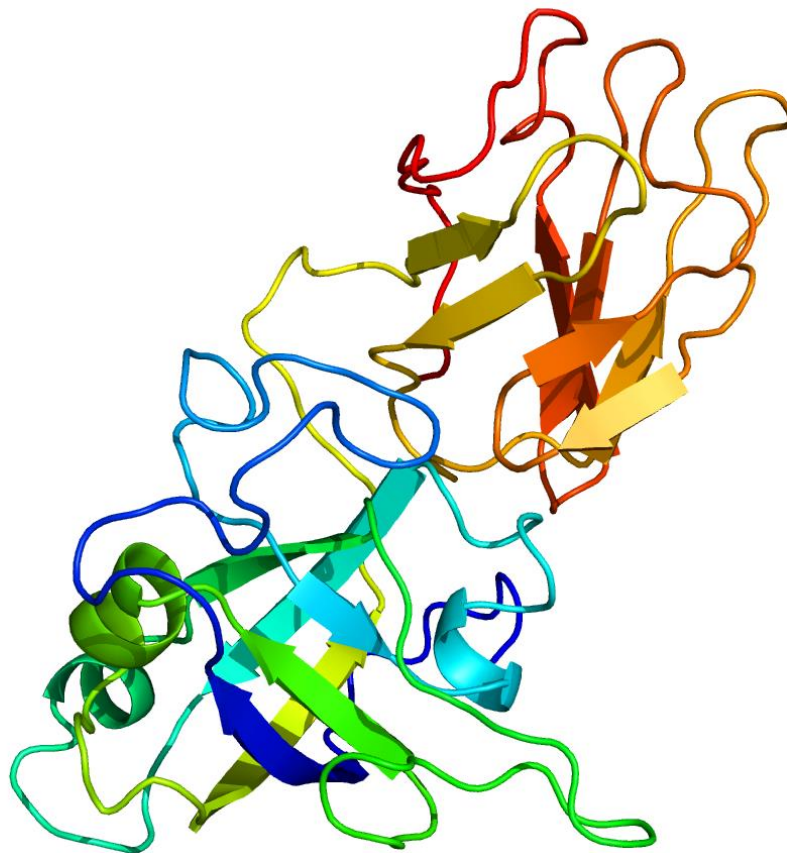
Locus: Sevir.9G539800

Gene Model: Sevir.9G539800.1.p

Description: SvEXPA-34

Family: Alpha Expansin

3D structure:



GENOME DATABASES

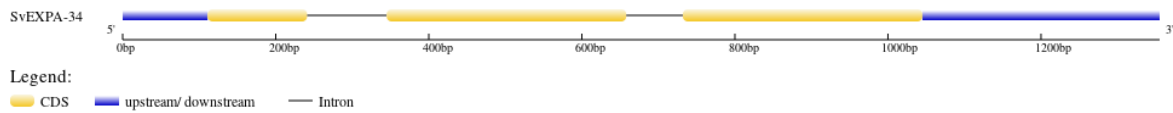
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

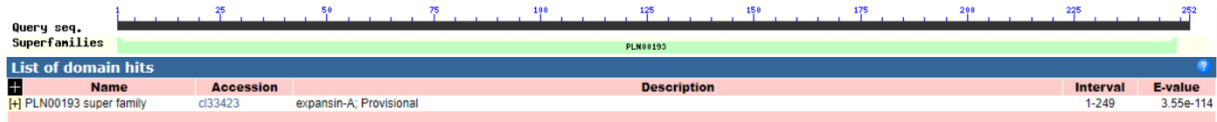
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPA-34

MGKRFLHQLLLVVLALCFAPVRPDGWLPAATATFYGGADGSDTMGGACGYGNLYDQ
GYGINNAALSTALFNDGASCGQCYVIICDTSKSGWCRPGKWVAVSATNFCPPNWSLP
GGGWCGP RP HFDMSQPAWENIGIYSAGIIPVLYQRIKCWRDGGVRF TIAGFN YFELV
LVTNVAGSGSIQSM AVKGTSTDWIPMSRNWGANWQCLAALAGQGLSFALTSTGGQS
IVFQDVVPAWWQFGQTFKTYQNFDY*

CDS (coding sequence)

>SvEXPA-34

ATGGGGAAGCGTTTCCTGCACCAGCTGCTGCTCGTCGTCCTCGCGCTCTGCTTTGC
ACCGGTGAGACCTGACGGCTGGCTCCCGGCCACCGCCACGTTCTACGGCGGGCGCC
GATGGCTCCGACACAATGGGAGGCGCGTGCGGGTACGGGAACCTGTACGACCAG
GGTTACGGCATCAACAACGCGGGCGCTGAGCACGGCGCTGTTCAACGACGGCGCG
TCGTGCGGGCAGTGCTACGTGATCATCTGCGACACGAGCAAGTCCGGGTGGTGCC
GCCCCGGCAAGTGGGTCGCTGTCTCCGCCACCAACTTCTGCCCCGCCAACTGGTC
CCTCCCCGGCGGGCGGCTGGTGCGGCCCGCCCCGCCCCACTTCGACATGTCCCAG
CCCGCATGGGAGAACATCGGCATCTACAGCGCCGGCATCATCCCCGTCTCTACC
AACGGATCAAGTGCTGGAGGGACGGCGGCGTGCGGTTACCATCGCCGGCTTCA
ACTACTTCGAGCTGGTGCTGGTGACCAACGTGGCCGGGAGCGGGTCCATCCAGAG
CATGGCGGTGAAGGGCACCAGCACGGATTGGATCCCCATGTCCAGGAACTGGGG
CGCCAACTGGCAGTGCCCTCGCCGCGCTCGCCGGGCAGGGGCTCAGCTTCGCGCTC
ACCTCCACCGGCGGCCAGAGCATCGTCTTCCAGGACGTCGTGCCGGCGTGGTGGC
AGTTCGGCCAGACCTTCAAAACCTACCAGAATTCGACTACTGA

Nucleotide

>SvEXPA-34

CAACTCAATTCGATCCAACAATCCATTTGCAGGAGTGCAACGAACACTCTCTCGA
CCGCTGTCTCCCTCTGTCCCTGCAGCGTCTGGGATCGATCTCTGCTTCTGAAGAAG
ATGGGGAAGCGTTTCCTGCACCAGCTGCTGCTCGTCGTCCTCGCGCTCTGCTTTGC
ACCGGTGAGACCTGACGGCTGGCTCCCGGCCACCGCCACGTTCTACGGCGGGCGCC
GATGGCTCCGACACAATGGGTAAGCTTACAGTTTGGTCAGTTTGTGGCATCTGC
AGACTGCAGCTAGCTGTTGCGTGTATGCATGCATGCGTGTGACGTGTATGCATGC

ACTATATATGCAGGAGGCGCGTGCGGGTACGGGAACCTGTACGACCAGGGTTAC
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GCAAGTGGGTGCTGTCTCCGCCACCAACTTCTGCCCGCCCAACTGGTCCCTCCCC
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TCCATCCAGAGCATGGCGGTGAAGGGCACCAGCACGGATTGGATCCCCATGTCCA
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GCTTCGCGCTCACCTCCACCGGCGGCCAGAGCATCGTCTTCCAGGACGTTCGTGCC
GGCGTGGTGGCAGTTCGGCCAGACCTTCAAACCTACCAGAATTTGACTACTGA
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TATCTGATCATTGTTTTTTCTTGCCTATAAAATCCGTTCTTTTCTATTCTTTATTATT
TGCACTGTTTCATTTCCGTTCAATCTCACTTGTACTTTGGAATCATTTGATTATTAC
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ATAATTGCAAGTTTTTTTCGTGCCATTGTAAGTTTGCCCAGTTATTTGTCAGCCTG
GGCCATCACTGAGAAATTAGTGACAGA