

IDENTIFICATION

Species: *Setaria viridis*

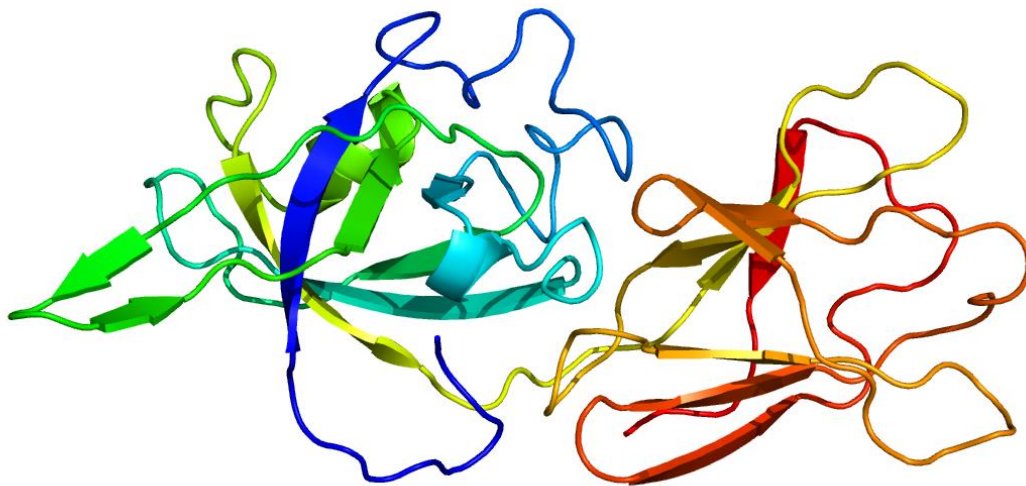
Locus: Sevir.6G085900

Gene Model: Sevir.6G085900.1.p

Description: SvEXPA-18

Family: Alpha Expansin

3D structure:



GENOME DATABASES

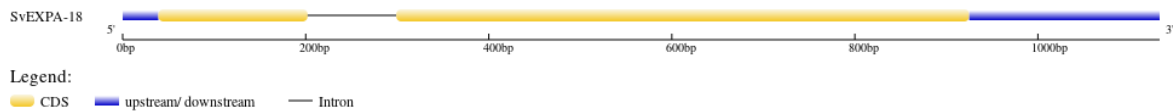
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

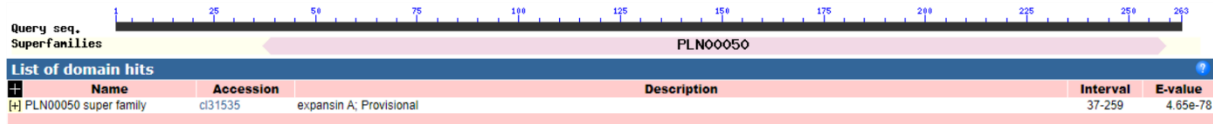
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPA-18

MDTSASPSSSRFAAAAVVVVAAALLLLLPALSAADDWEDAHATFYGDETGGGETMQ
GACGYGNLFEQGYGLETTALSVALFGEGRACGGCYELRCQGSSYCAPGGAPVTVTA
TNLCPANYSKPNENWCNPPLRHFDSLKPMFLRLVTDFHVGIIIPVQYRRVPCAKRGGV
RFEMKGNQWWVAVLVFNVAGAGDVKAMAVRGSWDGQWADM SRNWGQIWTSGD
SRHVGQGLSFRVVAGDGRSVELDNVVPQGWAFGQSFEGRGQF*

CDS (coding sequence)

>SvEXPA-18

ATGGATAACAAGTGCCTCGCCGTCGTCGTCTCGCTTTGCGGCAGCCGCGTCGTGG
TGGTGGCGGGCGGCGCTGCTGCTGCTGCTGCCGGCCTTGTCGGCCCGCCGACGACTG
GGAGGACGCGCACGCCACGTTCTACGGCGACGAGACCGGTGGCGAGACCATGCA
GGGCGCGTGCGGGTACGGCAACCTGTTCGAGCAGGGGTACGGGCTGGAGACGAC
GGCGCTGAGCGTGGCGCTCTTCGGCGAGGGCAGGGCCTGCGGCGGCTGCTACGA
GCTCCGGTGCCAGGGCAGCTCCTACTGCGCCCCCGGCGGCGCGCCGGTGACGGTG
ACGGCGACGAACCTGTGCCCGGCGAACTACTCCAAGCCCAACGAGAACTGGTGC
AACCCGCCGCTGCGGCACTTCGACCTGTCCAAGCCCATGTTCTGCGCCTCGTCA
CCGACTTCCACGTCGGCATCATCCCCGTGCAGTACCGCCGCGTGCCCTGCGCAA
GCGCGGCGGCGTGCGCTTCGAGATGAAGGGCAACCAGTGGTGGGTGCGCCGTGCT
CGTCTTCAACGTCGCCGGCGCCGGGACGTCAAGGCCATGGCCGTCAGGGGGTGC
ATGGGACGGGCAGTGGGCGGACATGTCGCGGAACTGGGGGCAGATCTGGACCAG
CGGCGACAGCCGCCACGTCGGGCAGGGCCTCTCATTCCGCGTCGTTGCTGGCGAC
GGCAGGTCAGTGGAGCTGGACAACGTCGTGCCGCAGGGGTGGGCGTTCGGCCAG
AGCTTCGAGGGCAGGGGTTCAGTTTTGA

Nucleotide

>SvEXPA-18

ACAGTCCAAAACCTTGTGGATTAGTAGTAGTGGTTTACATGGATAACAAGTGCCT
CGCCGTCGTCGTCTCGCTTTGCGGCAGCCGCGTCGTGGTGGTGGCGGCGGCGCT
GCTGCTGCTGCTGCCGGCCTTGTCGGCCCGCCGACGACTGGGAGGACGCGCACGCC
ACGTTCTACGGCGACGAGACCGGTGGCGAGACCATGCGTAAGAAATAAGAATAC
ACTCCACTATCTTGGTTTATTTGTCGTTTGTCTCGCACGCACGTGCGTCATAGTG

TGTGGCTTTCGATCGTGCACGCAGAGGGCGCGTGCGGGTACGGCAACCTGTTCTGA
GCAGGGGTACGGGCTGGAGACGACGGCGCTGAGCGTGGCGCTCTTCGGCGAGGG
CAGGGCCTGCGGCGGCTGCTACGAGCTCCGGTGCCAGGGCAGCTCCTACTGCGCC
CCCGGCGGCGCGCCGGTGACGGTGACGGCGACGAACCTGTGCCCCGGCGAACTAC
TCCAAGCCCAACGAGAACTGGTGCAACCCGCCGCTGCGGCACTTCGACCTGTCCA
AGCCCATGTTCTGCGCCTCGTCAACGACTTCCACGTCGGCATCATCCCCGTGCAG
TACCGCCGCGTGCCCTGCGCCAAGCGCGGGCGGCGTGCGCTTCGAGATGAAGGGC
AACCAGTGGTGGGTCGCCGTGCTCGTCTTCAACGTCGCCGGCGCCGGGGACGTCA
AGGCCATGGCCGTCAGGGGGTTCATGGGACGGGCAGTGGGCGGACATGTGCGCGA
ACTGGGGGCAGATCTGGACCAGCGGCGACAGCCGCCACGTCGGGCAGGGCCTCT
CATTCCGCGTCGTTGCTGGCGACGGCAGGTTCAGTGGAGCTGGACAACGTCGTGCC
GCAGGGGTGGGCGTTCGGCCAGAGCTTCGAGGGCAGGGGTTCAGTTTTGATTTTTT
TTCCCTGAACTTCTATCGATCACTCCCATGGTCCACAGTGTAGGGCAACGTACA
ACTGCCAGTGTCTATCCGCGCACGCATGATGTAGCATGTGTATATGGACCAGTGG
TTGTTCAAATTGCAGAAATGTTTTTTTATCAAATCCTGTGATTTGGTTAATCAATG
AAAAATCTGAAAAGATTGTCTCGAATGGATGCATTT