

IDENTIFICATION

Species: *Setaria viridis*

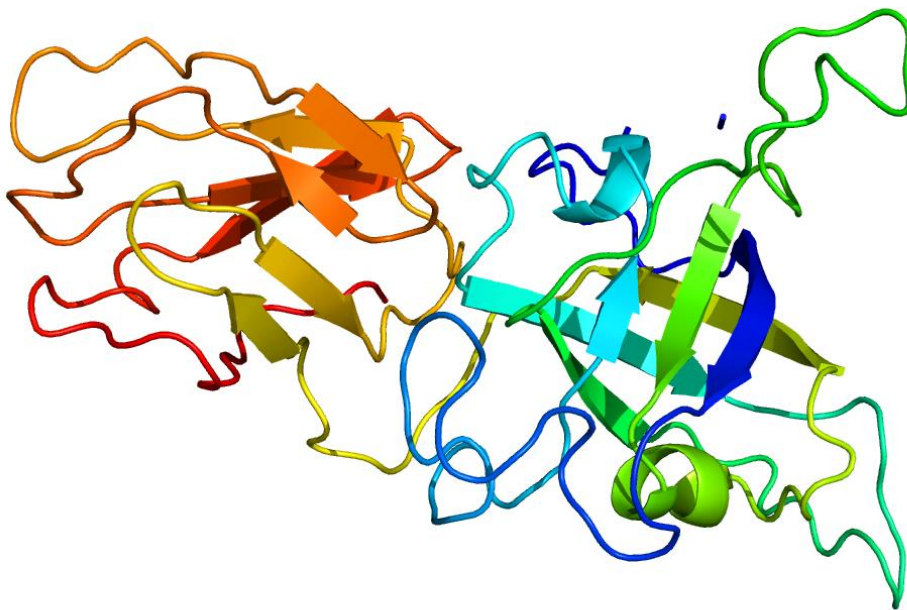
Locus: Sevir.1G324300

Gene Model: Sevir.1G324300.1.p

Description: SvEXPA-07

Family: Alpha Expansin

3D structure:



GENOME DATABASES

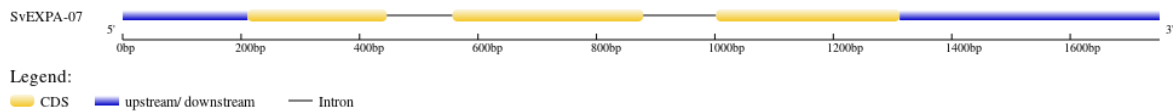
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

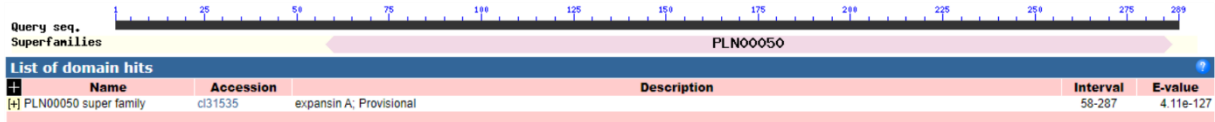
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPA-07

MAPPQAVLVLLASLLPLALSRLGLGHRHVPQHGHGMGLGHRHAQPHPQPHGHAPL
AGGAWSSAHATFYGGGDASGTMGGACGYGNLYSQGYGTNTAALSTALFNGLSCG
ACFEVRCDAAGGGGGHSCLPGSVVVTATNFCPPNNALPSDDGGWCNPPRAHFDMSQP
VFQRIALYRAGIVPVSYRRVACNKKGGIRFTINGHSYFNLVLVTNVGGAGDVHSAV
KGDRSAGWQAMSRNWGQNWQSNLLDGQALSFRVTTSDGRSVVSNNAAPRGWSF
GQTFSGAQFN*

CDS (coding sequence)

>SvEXPA-07

ATGGCGCCTCCCCAAGCCGTCCTGGTTCTCCTGGCCTCGCTGCTTCCGCTGGCGCT
CTCGCGTGGGCTGGGGCTCGGGCACCGGCATGTGCCGCAGCACGGGCACGGGAT
GGGGCTAGGCCACCGTCACGCCAGCCGCACCCGCAGCCGCACGGGCACGCGCC
GCTCGCGGGTGGGGCGTGGTCCTCGGCCACGCCACCTTCTACGGCGGGCGGCAC
GCGTCCGGCACCATGGGAGGGGCGTGCGGGTACGGGAACCTGTACAGCCAGGGG
TACGGCACCAACACGGCGGCGCTGAGCACGGCGCTTCAACAACGGCCTCAGCT
GTGGCGCCTGCTTCGAGGTGCGGTGCGACGCGGGGGGGCGGCGGACACTCGT
GCCTGCCGGGCTCCGTCGTCGTCACGGCCACTAACTTTTGCCCCGCCAACACGC
GCTGCCCTCCGACGACGGCGGGTGGTGAACCCGCCGCGCGCACTTCGACATG
TCGCAGCCCGTGTTCAGCGCATCGCGCTCTACAGGGCCGGCATTGTCCCCGTCT
CCTACCGCAGGGTCGCGTGCAACAAGAAGGGCGGCATCCGGTTCACCATCAACG
GTCACTCCTACTTCAACCTGGTCCTGGTCACCAACGTGGGGCGGCGCCGGCGACGT
GCACTCCGTGGCCGTGAAGGGCGACCGCTCCGCCGGGTGGCAAGCCATGTCCCGC
AACTGGGGACAGAACTGGCAGAGCAACACGCTCCTCGATGGCCAGGCCCTCTCCT
TCCGCGTACCACCAGCGACGGCCGCTCCGTGGTCTCCAACAACGCCGCTCCCCG
CGGCTGGTCCTTCGGCCAGACCTTCAGCGGGGCCAGTTCAACTGA

Nucleotide

>SvEXPA-07

CTCGCCACGCCCTGCGCGCCCCCGCCACCACGCGCACCGCGCGCCGGTGTTTGA
AACCTGTGCCGCCGCTCCCATCTATTTATCCACCACAAGCCCCACCTCGCTTC
ACTCCACTCCACTCCACTCCAGCCGCCCCGTCCGTTCCCCTCGTGCTCGCCGCCG

CGCCGCCGCCCCCTCCGTCTCCGGACCCCGAGTCCCCAGCGCAATGGCGCCTCC
CCAAGCCGTCCTGGTTCTCCTGGCCTCGCTGCTTCCGCTGGCGCTCTCGCGTGGGC
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ACCGTCACGCCAGCCGCACCCGCAGCCGCACGGGCACGCGCCGCTCGCGGGTG
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CATGGGTACGTCCGCTTTGCTAATCCAAGATTTTCCGCATTTCCCAGTCCTAGATT
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CGGCGGGCGCTGAGCACGGCGCTCTTCAACAACGGCCTCAGCTGTGGCGCCTGCTT
CGAGGTGCGGTGCGACGCGGGGGGGCGGGCGGACACTCGTGCCTGCCGGGCTC
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GACGGCGGGTGGTGCAACCCGCCGCGCGCACTTCGACATGTCGCAGCCCGTGT
TCCAGCGCATCGCGCTCTACAGGGCCGGCATTGTCCCCGTCTCCTACCGCAGGTC
CGTAGTGAAACTACTTTTCTTTTCTTTTGGCAAGCGTTTCATGTTCCCTTCTCGGAGC
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