

## IDENTIFICATION

**Species:** *Setaria viridis*

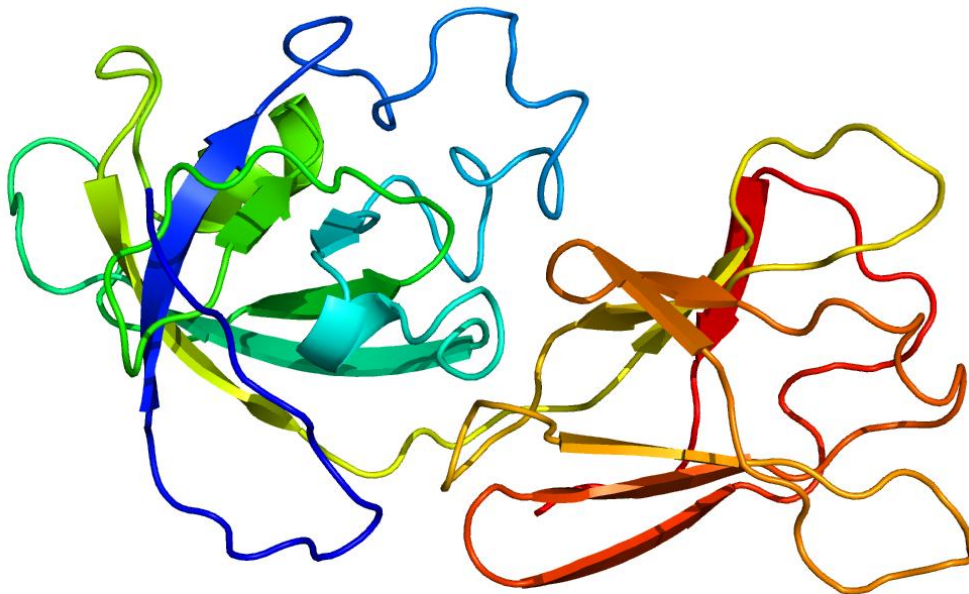
**Locus:** Sevir.2G329500

**Gene Model:** Sevir.2G329500.1.p

**Description:** SvEXPA-08

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

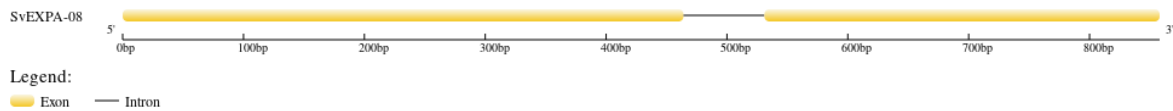
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sviridis\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1)

KEGG:-

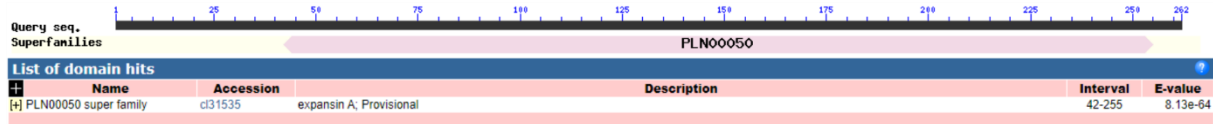
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SvEXPA-08

MSGSSRTTTMAPLLASLLL VGLPLLAGV AEA KPHVNHGKFKGGPWTDGHATFYGGR  
DGS GTTDGGACGYKDALAKDY GELTAAVGPSLYAQGAGCGACYEVKGAEGEAAST  
GKS VVVTATNQAPPVSGQKGEHFDLTMPAFLQIAEEKAGIVPISYRRVACVRQGGIR  
YTITGNKNYNMVMVMTNVGGEGDVVALTVKGNKRVKWTPMKRSWGQLWTTEVDL  
TGESLTFRVMNGDHRKATSWHVMPRDWQFGKTYQATKNF\*

### CDS (coding sequence)

>SvEXPA-08

ATGTCCGGTTCGTCGCGGACAACAACAATGGCGCCTCTCCTCGCGTCGCTGCTGC  
TCGTCGGGCTCCCGCTGCTGGCCGGCGTCGCGGAGGCGAAGCCCCACGTAAACCA  
CGGCAAGTTCAAGGGCGGCCCGTGGACGGACGGGCACGCGACGTTCTACGGCGG  
GCGCGACGGGTCCGGCACCACGGATGGCGGGCGCGTGCGGGTACAAGGACGCGCT  
GGCCAAGGATTACGGCGAGCTGACGGCGGCCGTGGGCCCCGTCGCTGTACGCCCA  
GGGCGCCGGGTGCGGCGCCTGCTACGAGGTGAAGGGCGCGGAGGGCGAGGCCGC  
CAGCACCGCAAGTCCGTGGTGGTGACGGCCACGAACCAGGCCCGCCGCCGGT  
CAGCGGGCAGAAGGGCGAGCACTTCGACCTCACCATGCCGGCGTTCCTCCAGATC  
GCCGAGGAGAAGGCCGGCATCGTGCCATCTCCTACCGCAGAGTGGCGTGCGTG  
AGGCAAGGCGGGATCCGGTACACGATAACGGGGAACAAGA ACTACAACATGGTG  
ATGGTGACGAACGTGGGCGGCGAGGGGGACGTGGTGGCGCTGACGGTGAAGGGC  
AACAAGCGCGTCAAGTGGACGCCGATGAAGCGAAGCTGGGGCCAGCTGTGGACG  
ACGGAGGTTCGACCTACCGGGCGAGTCGCTCACGTT CAGGGTCATGAACGGCGAC  
CACCGCAAGGCCACCTCCTGGCACGTCATGCCGCGGGACTGGCAGTTCGGCAAG  
ACATACCAGGCGACCAAGA ACTTCTAG

### Nucleotide

>SvEXPA-08

ATGTCCGGTTCGTCGCGGACAACAACAATGGCGCCTCTCCTCGCGTCGCTGCTGC  
TCGTCGGGCTCCCGCTGCTGGCCGGCGTCGCGGAGGCGAAGCCCCACGTAAACCA  
CGGCAAGTTCAAGGGCGGCCCGTGGACGGACGGGCACGCGACGTTCTACGGCGG  
GCGCGACGGGTCCGGCACCACGGATGGCGGGCGCGTGCGGGTACAAGGACGCGCT  
GGCCAAGGATTACGGCGAGCTGACGGCGGCCGTGGGCCCCGTCGCTGTACGCCCA

GGGCGCCGGGTGCGGCGCCTGCTACGAGGTGAAGGGCGCGGAGGGCGAGGCCGC  
CAGCACCGGCAAGTCCGTGGTGGTGACGGCCACGAACCAGGCCCCCGCCCGGT  
CAGCGGGCAGAAGGGCGAGCACTTCGACCTCACCATGCCGGCGTTCCTCCAGATC  
GCCGAGGAGAAGGCCGGCATCGTGCCCATCTCCTACCGCAGGCACAACCCAACC  
TTGCATTGCATTACATTGTTGCATTTGACCTTCATTTGACACATCGTCTCCTGCTGC  
AGAGTGGCGTGCGTGAGGCAAGGCGGGATCCGGTACACGATAACGGGGAACAAG  
AACTACAACATGGTGATGGTGACGAACGTGGGCGGCGAGGGGGACGTGGTGGCG  
CTGACGGTGAAGGGCAACAAGCGCGTCAAGTGGACGCCGATGAAGCGAAGCTGG  
GGCCAGCTGTGGACGACGGAGGTCGACCTCACCGGCGAGTCGCTCACGTTCAGG  
GTCATGAACGGCGACCACCGCAAGGCCACCTCCTGGCACGTCATGCCGCGGGACT  
GGCAGTTCGGCAAGACATACCAGGCGACCAAGAACTTCTAG