

## IDENTIFICATION

**Species:** *Setaria viridis*

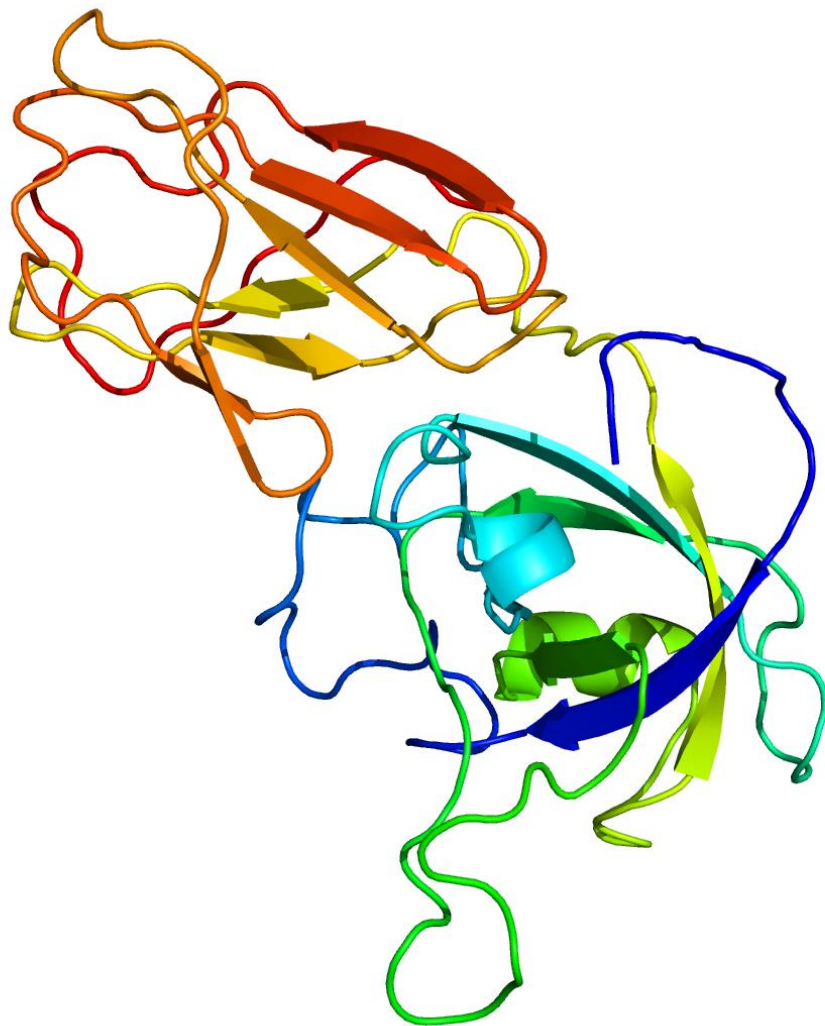
**Locus:** Sevir.5G042100

**Gene Model:** Sevir.5G042100.1.p

**Description:** SvEXPA-14

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

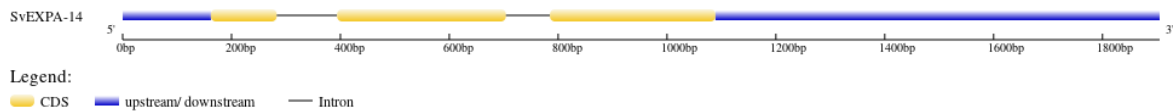
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sviridis\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1)

KEGG:-

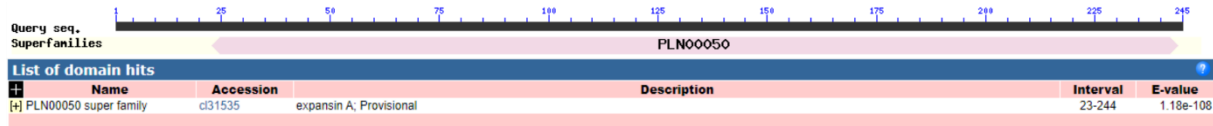
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SvEXPA-14

MESLGLLVLALAAVLKLAGADSWNSGRATFYGGMDASGTMGGACGYGNLYSTGY  
GTNTAALSTALFNNGRSCGACFEIRCSGSGSCLSGSALVTATNFCPPNYALPNNDGG  
WCNPPQSHFDLAEPVFTKIARPSAGVVPVQYRRVACGRQGGIRFTISGHSYFVLVLIT  
NVGGAGDVMVSLKGSQTGWQSMHNSWGANWQSNALLDRQALSFQVTASDGRTV  
TCPNAAPSGWSYGQTFSGNQF\*

### CDS (coding sequence)

>SvEXPA-14

ATGGAGTCCCTAGGCTTGCTGGTTCTTGCCCTCGCCGCCGTGCTCAAGCTCGCCGG  
CGCCGACAGCTGGAACAGCGGCCGCGCCACGTTTTACGGTGGCATGGACGCTTCC  
GGCACTATGGGAGGAGCGTGC GGCTACGGTAACTTGTACAGCACGGGGTACGGG  
ACGAACACGGCGGGCGCTGAGCACCGCGCTGTTCAACAACGGGGCGGAGCTGCGGC  
GCGTGCTTCGAGATCCGGTGCTCCGGCAGCGGCAGCTGCCTGTCTGGCTCCGCCC  
TGGTGACGGCCACCAACTTCTGCCCCGCCAACTACGCGCTCCCCAACAACGACGG  
CGGGTGGTGCAACCCGCCGAGTCGCACTTCGACCTCGCCGAGCCGGTCTTACC  
AAGATCGCCCCCCCCAGCGCCGGCGTGGTGCCCGTCCAGTACAGGAGGGTGGCG  
TGCGGGAGGCAGGGCGGCATCCGGTTCACCATCTCCGGCCACTCCTACTTCGTGC  
TGGTGCTGATCACCAACGTCGGCGGGCGCCGGCGACGTGATGGCGGTGTCGTTGAA  
GGGGTCGCAGACGGGGTGGCAGTCTATGAGCCACAACCTGGGGCGCCAACCTGGCA  
GAGCAACGCCCTGCTCGACCGCCAGGCGCTGTCGTTCCAGGTCACCGCCAGCGAC  
GGCCGCACCGTACAGTGCCCCAACGCCGCGCCGAGCGGCTGGAGCTACGGCCAG  
ACCTTCTCCGGCAACCAGTTCTAG

### Nucleotide

>SvEXPA-14

CTCGCACTGCAGCAAGTTGAGCCGTCAGCAACAGCAAGCCTAGTGGTGCTCATCT  
AGCGCTGCAAGTACGTGAGTGCAAATCCCTAGCTAGATCTCTCTATCTTTCTTGT  
GGTTGCCTCTGCTAACTCGCTTGTGATGCTTTTTAGAAAGGACATACTATAATGGA  
GTCCCTAGGCTTGTGGTTCTTGCCCTCGCCGCCGTGCTCAAGCTCGCCGGCGCCG  
ACAGCTGGAACAGCGGCCGCGCCACGTTTTACGGTGGCATGGACGCTTCCGGCAC

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CGGCCACTCCTACTTCGTGCTGGTGCTGATACCAACGTCGGCGGCGCCGGCGAC  
GTGATGGCGGTGTCGTTGAAGGGGTGCGAGACGGGGTGGCAGTCTATGAGCCAC  
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