

## IDENTIFICATION

**Species:** *Setaria viridis*

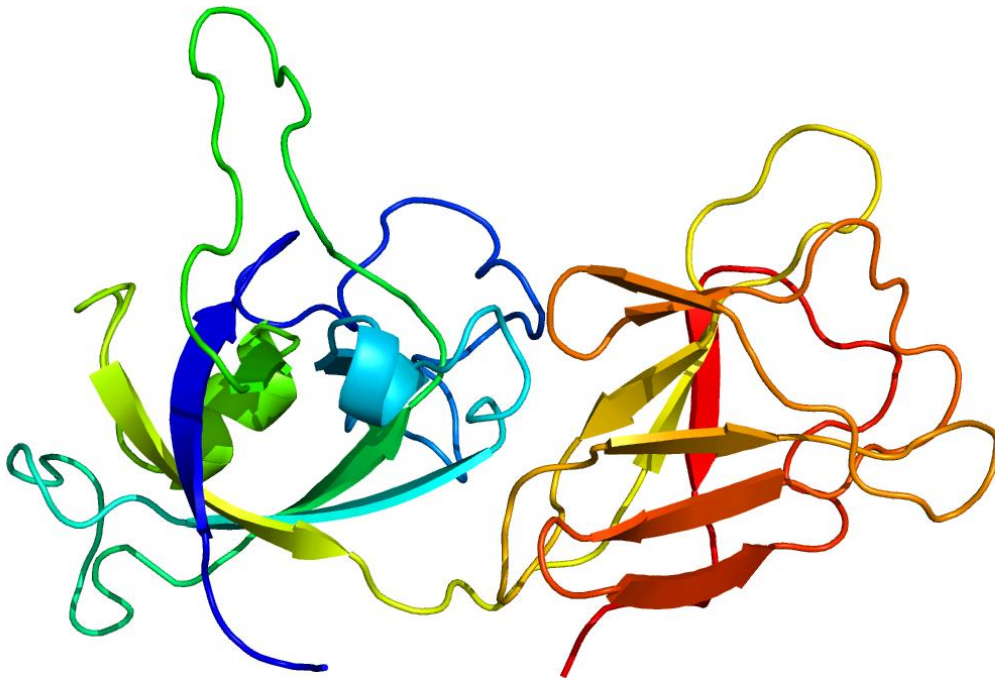
**Locus:** Sevir.9G241800

**Gene Model:** Sevir.9G241800.1.p

**Description:** SvEXPA-28

**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:-

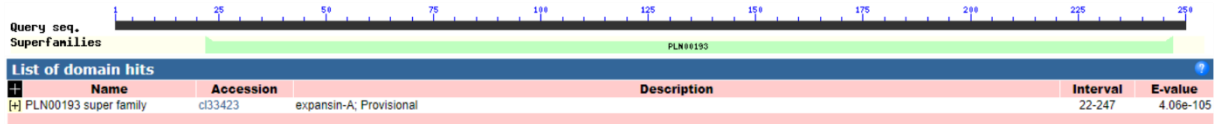
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SvEXPA-28

MANSLMLCTVVAACLALAAADWSPGTATFYGGVDGSGTMGGACGYDNLNAGYG  
VNNAALSTTLFNDGASCGQCYLITCDGSRPGGQYCKPGNSITVSATNLCPNYALPN  
GGWCGPGRPHFDMSQPAWEHIGVYQAGIVPVLVYQQRVQCSRTGGVRFSMAGSNYFLL  
VNIQNLGSGSVGAAWVKGDKTGWIQMSRNWGANWQALAGLVGQGLSFAVTSTG  
GQYIQFLNVVPGWWQFGMAFSTNQNFVY\*

### CDS (coding sequence)

>SvEXPA-28

ATGGCCAATTCCTGATGCTGTGCACGGTGGTTGCGGGCGTGCCTCGCACTTGCCG  
CCGCCGATTGGTCTCCAGGCACCGCCACATTCTACGGCGGAGTCGATGGCTCCGG  
CACTATGGGAGGCGCGTGCGGGTACGACAACCTGTACAACGCCGGGTACGGCGT  
CAACAACGCGGCTCTGAGCACGACGCTGTTC AACGACGGCGCGTTCGTGCGGCCA  
GTGCTACCTCATCACGTGCGACGGGTCACGCCCCGGGCGGCCAGTACTGCAAGCCC  
GGCAACAGCATCACCGTCTCAGCCACCAACTTGTGCCCGCCCAACTACGCGCTGC  
CCAACGGCGGCTGGTGC GGCCCCGGGGCGCCCCACTTCGACATGTCGCAGCCAGC  
GTGGGAGCACATCGGCGTCTACCAGGCCGGCATCGTCCCCGTCTCTACCAACGG  
GTCCAGTGCTCGCGCACCGGCCGGCGTGCGGTT CAGCATGGCCGGCTCCA ACTACT  
TCTTGCTCGTTAACATCCAGAACCTCGGCGGCAGCGGCTCCGTGGGAGCCGCTG  
GGTCAAGGGCGACAAGACGGGCTGGATCCAGATGTCAAGGAACTGGGGCGCCAA  
CTGGCAGGCGCTCGCCGGGCTCGTTCGGCCAGGGTCTCAGCTTCGCCGTGACCAGC  
ACCGGTGGGCAGTACATT CAGTTCCTCAACGTCGTGCCCGGCTGGTGGCAGTTTG  
GCATGGCCTTCTCCACTAACCAGAACTTCGTGTACTAG

### Nucleotide

>SvEXPA-28

GCTCTTCTCGTCCTTACCTTACAAACACACCTCACTCCCATCTCGTCCCCGTCCAC  
GGCAATGGCCAATTCCTGATGCTGTGCACGGTGGTTGCGGGCGTGCCTCGCACTT  
GCCGCCGCCGATTGGTCTCCAGGCACCGCCACATTCTACGGCGGAGTCGATGGCT  
CCGGCACTATGGGTAAGCGTCCACCTATTCCATTCCGGTACAAGTGCTACGTTCCG  
AACAAGCACTACCGAATTACGTGGCCTCTAATAATGCATGGATGTCCATGATGAA  
TTGATGATGCACAGGAGGCGCGTGCGGGTACGACAACCTGTACAACGCCGGGTA

CGGCGTCAACAACGCGGCTCTGAGCACGACGCTGTTCAACGACGGCGCGTCGTGC  
GGCCAGTGCTACCTCATCACGTGCGACGGGTACGCCCGGGCGGCCAGTACTGCA  
AGCCCGGCAACAGCATCACCGTCTCAGCCACCAACTTGTGCCCGCCAACTACGC  
GCTGCCCAACGGCGGCTGGTGCGGCCCGGGGCGCCCCACTTCGACATGTGCGCAG  
CCAGCGTGGGAGCACATCGGCGTCTACCAGGCCGGCATCGTCCCCGTCCTCTACC  
AACGGGTCCAGTGCTCGCGCACCGGCGGGCGTGCGGTTTCAGCATGGCCGGCTCCAA  
CTACTTCTTGCTCGTTAACATCCAGAACCTCGGCGGCAGCGGCTCCGTGGGAGCC  
GCCTGGGTCAAGGGCGACAAGACGGGCTGGATCCAGATGTCAAGGAACTGGGGC  
GCCAACTGGCAGGCGCTCGCCGGGCTCGTCGGCCAGGGTCTCAGCTTCGCCGTGA  
CCAGCACCGGTGGGCAGTACATTCAGTTCCTCAACGTCGTGCCCGGCTGGTGGCA  
GTTTGGCATGGCCTTCTCCACTAACCCAGAACTTCGTGTACTAGTGAAAACGTGCA  
AGTGGTAGAGTGCGTGCTCACTCGAGACGGTGTGTGTGTTCTTCATTTGGTGGAG  
CTATATGCACTTCCTGTTTTATTCAACACCGTAGATATGATGTTAGGATATTATAT  
ACAGTTATTGGCTTTATTTTGTCTAACATATGTGATGATATTATATACGGTTCGG  
TATATATAAACACTAAATTTAATG