

## IDENTIFICATION

**Species:** *Setaria viridis*

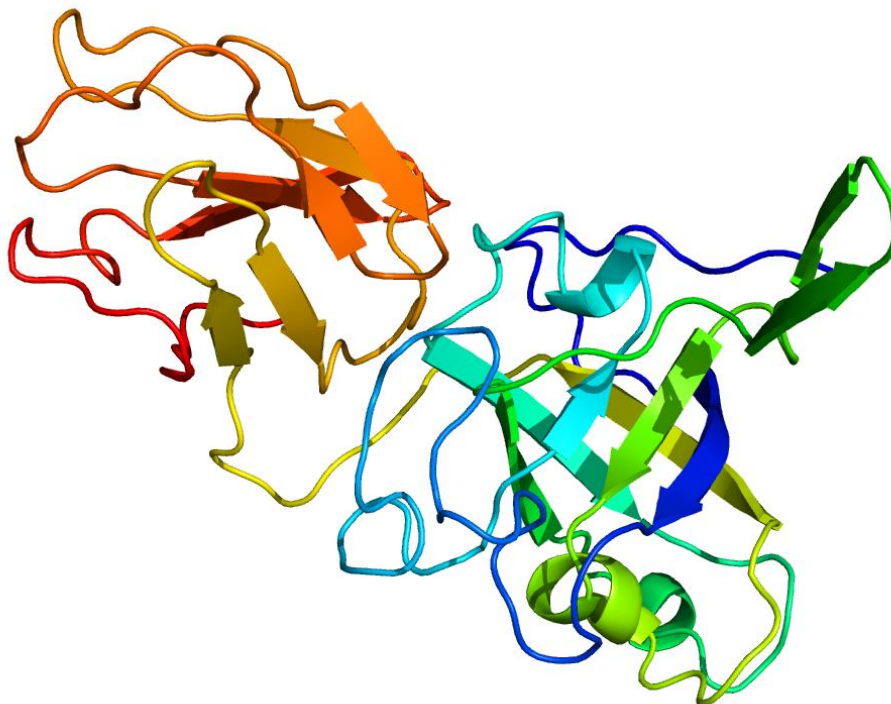
**Locus:** Sevir.4G223000

**Gene Model:** Sevir.4G223000.1.p

**Description:** SvEXPA-12

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

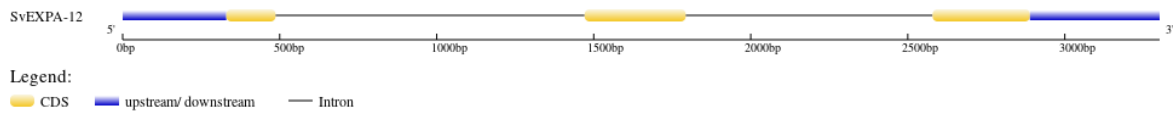
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sviridis\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1)

KEGG:-

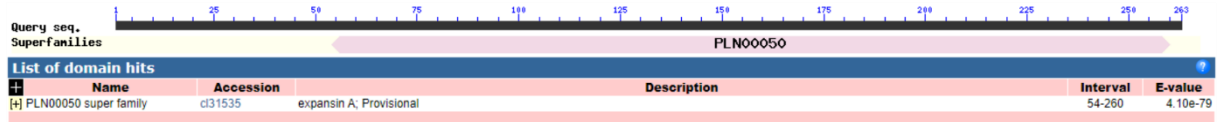
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SvEXPA-12

MVRSPLPLLLLLLLLLSGAGIGGGVRLGNGGYEDWRLGTATYVKEFQSHPLNDGGGA  
CGYGDLDIFRYGRYTAGLSAALFGRGGACGGCYELRCVNDIRGCLRASPTVVVTAT  
DFCPANMGLADEAGGWCFPREHLELSEAFLRVAKAKASIVPVQFRRVSCDRAGG  
MRFTITGSAHFLQVLITNVAADGEVAAVKVKGSRGTGWIPMGRNWGQNWQCDADLR  
GQPLSFEVTGGRGRAVTAYSVAPADWMFAQTFEGKQFVE\*

### CDS (coding sequence)

>SvEXPA-12

ATGGTGAGGTCGCTGCCTCTGTTCTTGCTGCTTCTGCTGCTGCTCTCCGGAGCCGG  
CATCGGCGGGCGGCGTACGGCTCGGCAATGGCGGCTACGAGGACTGGAGGCTCGG  
CACCGCCACCTACGTCAAGGAGTTCAGTCGCACCCGCTCAACGACGGTGGCGGC  
GCCTGCGGGTACGGCGACCTGGACATCTTCAGGTACGGGCGCTACACGGCGGGG  
CTGAGCGCGGCGCTGTTTCGGGCGCGGCGGCGCGTGC GGCGGCTGCTACGAGCTCC  
GGTGCGTCAACGACATCCGGGGGTGCCTCCGGGCCAGCCCCACGGTGGTGGTGA  
CGGCGACGGACTTCTGCCCCGGCCAACATGGGCCTCGCCGACGAGGCCGGCGGCT  
GGTGAACCTCCCCCGGGAGCACCTCGAGCTGTCCGAGGCCGCGTTCCTCCGCGT  
CGCCAAGGCCAAGGCCAGCATCGTTCCGGTGCAGTTCGGAGGGTGAGCTGCGA  
CAGGGCGGGCGGCATGCGGTTACGATCACCGGCAGCGC GCACTTCCTGCAGGT  
GCTGATCACCAACGTGGCGGCCGACGGCGAGGTGGCCGCCGTGAAGGTGAAGGG  
GTCGCGGACGGGGTGGATCCCGATGGGGCGGAACTGGGGCCAGA ACTGGCAGTG  
CGACGCCGACCTCCGTGGCCAGCCGCTGTCGTTTCGAGGTCACCGGCGGGAGGGG  
CCGGGCGGTCACCGCGTACAGCGTCCGCGCCGGCGGACTGGATGTTTCGCGCAGAC  
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### Nucleotide

>SvEXPA-12

GCAGCCTGCTGCCTCTGAAGTCTGACCCCACTCCTGCGAATCCCAATAAAGCCTG  
TGCAGAAAGGAAGCGGGCAAAGCAGCCTCGCCTTCGGCCTTCCCCTTCTACTGT  
TCTACACTACCCGCCGGTCTCCCTGATGCCCCCGCTCTGTACCTTTGACTCC  
CCATTCGGGTCTCCTCAGTCCCCTCCTCCACCGCAGTCCACAGCTCAAGCACTG  
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