

## IDENTIFICATION

**Species:** *Setaria viridis*

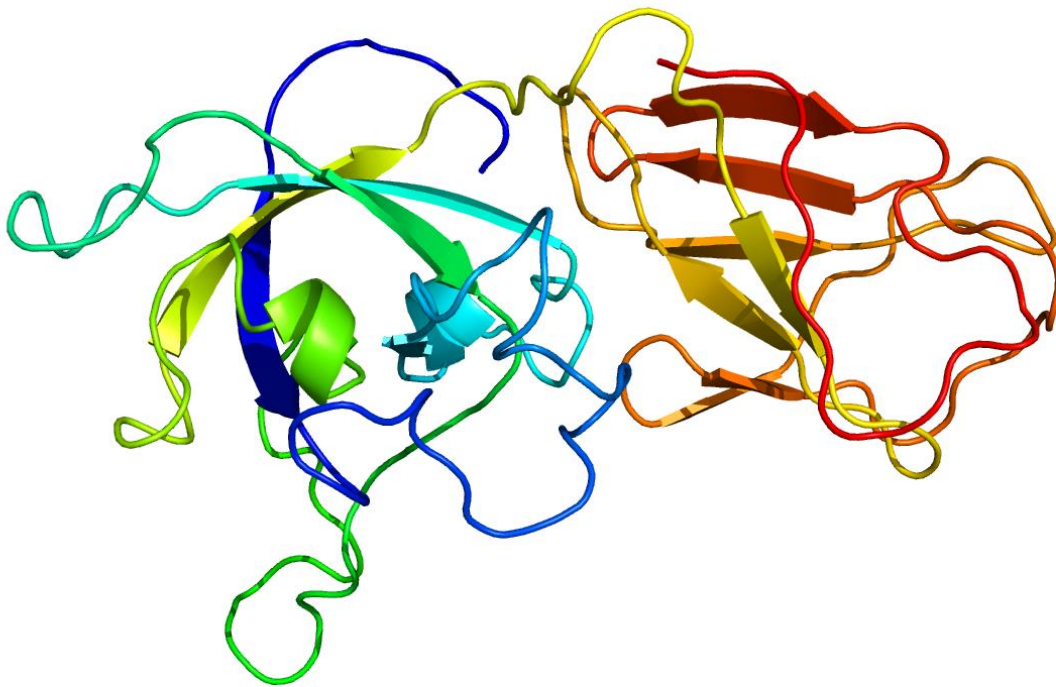
**Locus:** Sevir.3G209800

**Gene Model:** Sevir.3G209800.1.p

**Description:** SvEXPA-09

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

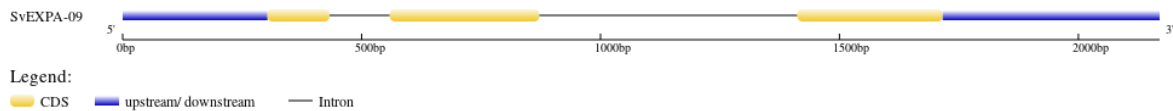
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sviridis\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1)

KEGG:-

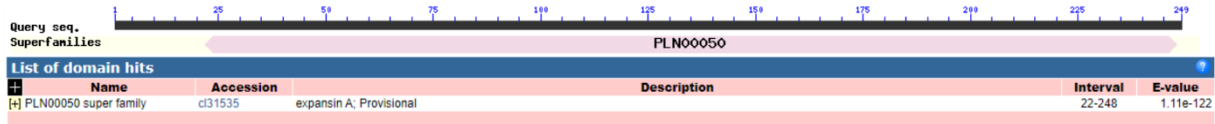
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SvEXPA-09

MAVAGALFLLFSLAREAAAGGYGGWQSAHATFYGGGDASGTMGGACGYGNLYS  
SGYGTNTAALSTALFNDGAACGSCYELRCQNAGGSCLPGSITVTATNFCPPNYGLPS  
DDGGWCNPPRPHFDMAEPAFLHIAQYRAGIVPVAFRRVPCVKKGGIRFTINGHSYFN  
LVLVTNVAGAGDVRSVSIRGSRTGWQPMSRNWQNWQSN AFLDRQALS FQVTASD  
GRTVTSTNAAPAGWQFGQTFEGRQF\*

### CDS (coding sequence)

>SvEXPA-09

ATGGCCGTTGCCGGCGCCCTCTTCCTCCTCCTCAGTCTCCTCGCCCGGGAAGCCGC  
GGCTGGCGGCTACGGCGGGTGGCAGAGCGCGCACGCCACGTTCTACGGAGGCGG  
CGACGCGTCCGGCACAATGGGCGGCGCGTGC GGGTACGGCAACCTGTACAGCAG  
CGGGTACGGCACGAACACGGCGGGCGCTGAGCACGGCGCTGTTCAACGACGGCGC  
GGCGTGCGGGTTCATGCTACGAGCTGCGGTGCCAGAACGCGGGGCGGGTTCGTGCCT  
GCCGGGCTCCATCACCGTGACGGCCACCAACTTCTGCCCGCCCAACTACGGCCTC  
CCCAGCGACGACGGCGGCTGGTGCAACCCGCCGCGCCCGCACTTCGACATGGCC  
GAGCCGGCCTTCTCCACATCGCGCAGTACCGCGCCGGCATCGTGCCCGTTCGCAT  
TCAGGAGGGTGCCGTGCGTGAAGAAGGGCGGCATCCGGTTCACCATCAACGGCC  
ACTCTACTTCAACCTGGTGCTGGTGACCAACGTGGCCGGCGCCGGCGACGTGCG  
GTCCGTCTCCATCCGTGGCTCCCGCACCGGGTGGCAGCCCATGTCCCGGAACTGG  
GGCCAGAACTGGCAGAGCAACGCCTTCTCGACCGCCAGGCGCTCTCCTTCCAGG  
TCACCGCCAGCGACGGCCGCACCGTCAACAGCACCAACGCCGCCCCCGCCGGCTG  
GCAGTTCGGACAGACCTTCGAGGGCCGCCAGTTCTGA

### Nucleotide

>SvEXPA-09

GTCACTCACTCAGGTCCCCCGGCCACGGCCGGCCGGCCTCCGTTTTAATTCCGT  
CTTCGGCTTTTATGGCCGCCTTTCGTCGTCGCAACCAAGGGAAAATTGCCCGCAC  
GGCCCCGAGTTTTCTTCCAACCGCCACCGGCGCTTTAGCTTAGAGCTCGGGCTAT  
AAATAGCCGGGCTGGGAGGGCCGAGCTTCTCACTGCCAGCCAGACGTTCCAAA  
GCGAGCCGATAGAGCGGTTAGCTTTAGACGACGATACCCTCCCCAAGCTCGGAA  
GGTAGCTCCTAGCTGGTACTTGTTAGCAATGGCCGTTGCCGGCGCCCTCTTCCTCC

TCTTCAGTCTCCTCGCCCGGGAAGCCGCGGCTGGCGGCTACGGCGGGTGGCAGAG  
CGCGCACGCCACGTTCTACGGAGGCGGCGACGCGTCCGGCACAATGGGTGAGTA  
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TCGCCGTTCTCGATCAGTTCACCAAACAACCTCATCCGACTGGATGCTTCTCTGCGC  
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ACCGTGACGGCCACCAACTTCTGCCCCGCCAACTACGGCCTCCCCAGCGACGACG  
GCGGCTGGTGCAACCCGCCGCGCCCCGCACTTCGACATGGCCGAGCCGGCCTTCT  
CCACATCGCGCAGTACCGCGCCGGCATCGTGCCCGTCGCATTTCAGGAGGTAATAAC  
ACACGCTCATCAGTGACCACGATGCCTGCACAAGTGCACATGGCGGTGGTGGTCA  
CGCACACAGCACACTGCACGTCCGGCCAGCCCCAGCTACGAGACTCACACCGCC  
ACTTTTGTCTGACACCACGACGCCCGTGGCTGGCTCGATCAACAGCAACCCAGGCAA  
GGCAACCAAACCGCGTTCGGTTCGAATGCCTGTGGGCCCGCACCCGGTCCGGTC  
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TGTA CTTGAACAAGAAATAATTGTGATTTATTTTCGAACCTTCATATTGCTGGTGT  
ACTTGTACTCGCACCGGCCTTGCGCCGGAATTGAAAACCGCAAGGCCGCCATTGC  
TCTGGCTAGCTTTATTTGTTTCT