

## IDENTIFICATION

**Species:** *Setaria viridis*

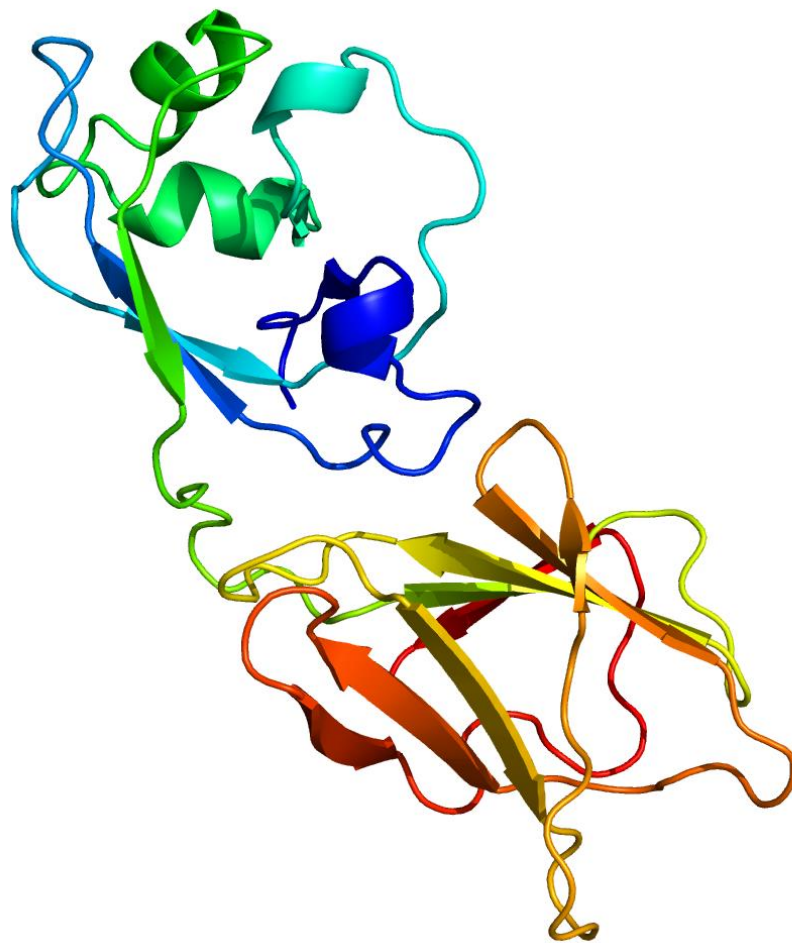
**Locus:** Sevir.1G253100

**Gene Model:** Sevir.1G253100.3.p

**Description:** SvEXPB-01

**Family:** Beta 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:-

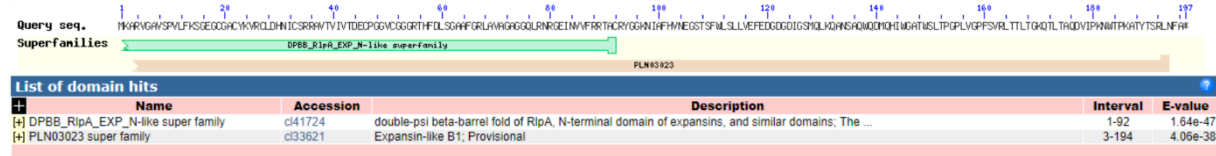
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SvEXPB-01

MKARVGA VSPVLFKSGEGCGACYKVRCLDHNICSRRAVTVIVTDECPGGVCGGGRT  
HFDLSGA AFGRLAVAGAGGQLRNRGEINVVFRRTACRYGGKNIAFHVNEGSTSWL  
SLLVEFEDGDGDIGSMQLKQANSAQWQDMQHIWGATWSLTPGPLVGPFSVRLTTLT  
GKQTLTAQDVIPKNWTPKATYTSRLNFA\*

### CDS (coding sequence)

>SvEXPB-01

ATGAAGGCGCGCGTGGGCGCGGTGAGCCCCGTGCTGTTCAAGTCCGGCGAGGGC  
TGCGGCGCCTGCTACAAGGTCCGGTGCCTCGACCACAACATCTGCTCGCGCCGCG  
CCGTCACGGTCATCGTCACGGACGAGTGCCCCGGCGGGGTCTGCGGCGGCGGAC  
GCACGCACTTCGACCTCAGCGGCGCCGCGTTCGGCCGCCTCGCCGTCGCCGGCGC  
CGGCGGCCAGCTGCGCAACCGGGGCGAGATCAACGTCGTGTTCCGCAGGACGGC  
GTGCAGGTACGGGGGCAAGAACATCGCCTTCCACGTGAACGAGGGCTCCACCAG  
CTTCTGGCTCTCCCTCCTGGTTCGAGTTCGAGGACGGCGACGGTGACATCGGATCC  
ATGCAGCTCAAGCAGGCAAACCTCGGCGCAGTGGCAGGACATGCAGCACATCTGG  
GGGGCCACCTGGAGCCTCACCCCGGGCCCGCTCGTCCGGCCCTTCTCCGTGAGGC  
TGACGACCCTGACCGGCAAGCAGACGCTCACGGCCAGGACGTCATCCCAAGA  
ACTGGACCCCAAGGCCACCTACACCTCCCGCCTCAACTTCGCGTAG

### Nucleotide

>SvEXPB-01

GGCGCGTGC GGGTACGGGACGCTGGTGGACGTGGTGCCGATGAAGGCGCGCGTG  
GGCGCGGTGAGCCCCGTGCTGTTCAAGTCCGGCGAGGGCTGCGGCGCCTGCTACA  
AGGTCCGGTGCCTCGACCACAACATCTGCTCGCGCCGCGCCGTCACGGTCATCGT  
CACGGACGAGTGCCCCGGCGGGGTCTGCGGCGGCGGACGCACGCACTTCGACCT  
CAGCGGCGCCGCGTTCGGCCGCCTCGCCGTCGCCGGCGCCGGCGGCGCCAGCTGCG  
AACCGGGGCGAGATCAACGTCGTGTTCCGCAGGTACGGTGGTGACAATGAGACC  
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AGAAACGCTGGCGGCGGTTGCGGTCAACCGTATCCGGCAAACCTGCTCAACTGCAT  
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ATGCCCCTGCAGCCCCGCCGCCGCGGTAGTTGTTTGATCTTGGACGTGCACCAA  
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CATCGCCTTCCACGTGAACGAGGGCTCCACCAGCTTCTGGCTCTCCCTCCTGGTCCG  
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