

## IDENTIFICATION

**Species:** *Setaria viridis*

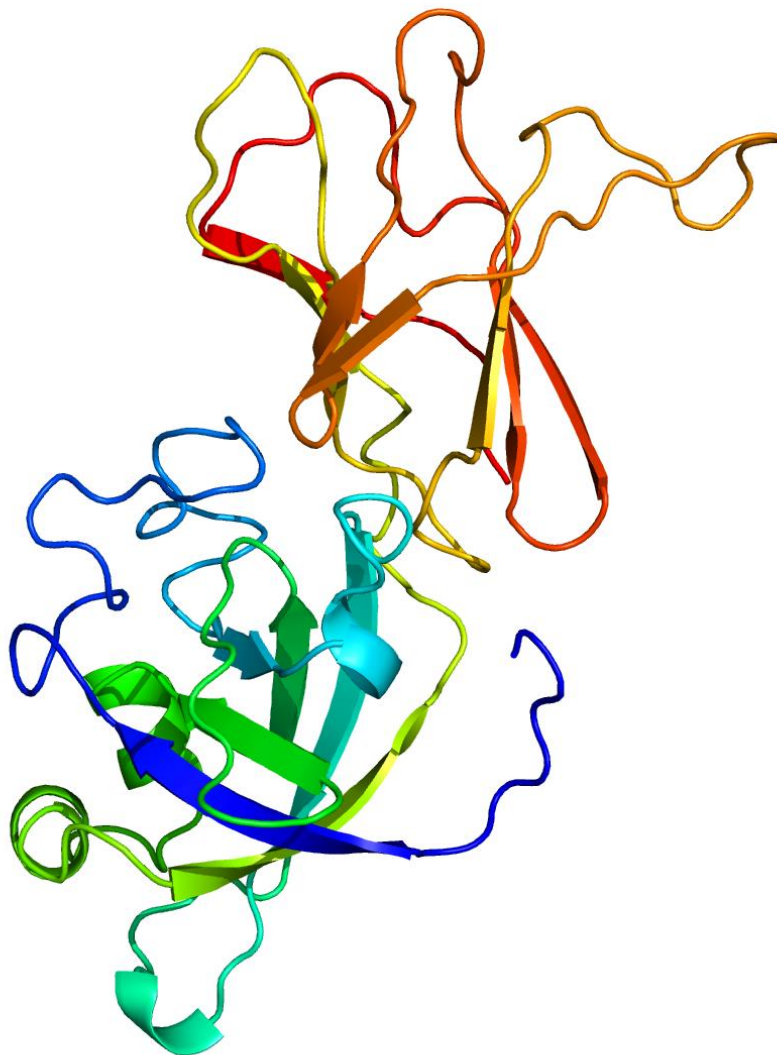
**Locus:** Sevir.9G332900

**Gene Model:** Sevir.9G332900.1.p

**Description:** SvEXPB-24

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

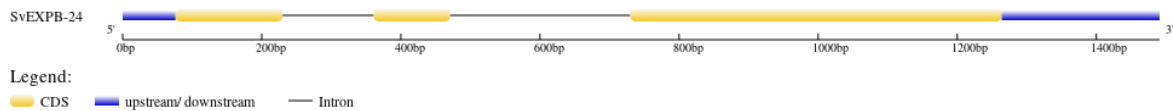
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sviridis\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1)

KEGG:-

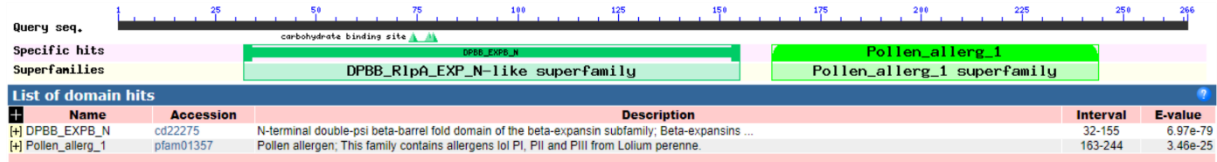
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SvEXPB-24

MAAAVISSAKVAAALVAVFAVLATYAEAGGWLPKATWYGAPNGAGPDDNGGA  
CGFKHTNQYPYMSMTSCGNEPLFKDGGKGCACYQIRCLNSTHDACSGRAKRVIITD  
MNYYPVSKYHFDLSGTAFGAMAKTGLNDKLRHAGILEIQFRRVPCNYKGLNVNFRV  
QVGSNPNYFAVLVQYAGKDGA VVQVDLMETDSTTGKPTGVWTPMRVSWGAVWRL  
DTRPTQAPFLRIRSDSGKTLVASNVIPADWKPMTDYPSNVQFP\*

### CDS (coding sequence)

>SvEXPB-24

ATGGCCGCCGCGTGATCATCTCCTCCGCCAAGGTGGCTGCTGCACTCGTCGCAG  
TGTTTCGCCGTGCTTGCCACGTACGCCGAAGCTGGCGGCTGGCTCCCGGCCAAGGC  
CACCTGGTACGGCGCGCCCAACGGCGCCGGTCCCGACGACAACGGTGGCGCGTG  
CGGGTTCAAGCACACCAACCAGTACCCGTACATGTCCATGACGTCGTGCGGGAAC  
GAGCCCCTGTTCAAGGACGGCAAGGGCTGTGGCGCATGCTACCAGATACGGTGC  
CTGAACAGCACCCACGACGCCTGCTCCGGCAGGGCGAAGCGTGTGATCATCACG  
GACATGAACTACTACCCGGTGTCCAAGTACCCTTCGACCTGAGCGGCACGGCGT  
TCGGCGCCATGGCCAAGACGGGGCTCAACGACAAGCTCCGGCACGCCGGCATT  
TCGAGATCCAGTTCGGGAGGGTGCCCTGCAACTACAAGGGCCTGAACGTCAACT  
CCGCGTCCAGGTGGGCTCCAACCCCACTACTTCGCCGTGCTGGTGCAGTACGCC  
GGCAAGGACGGCGCCGTGGTGCAGGTGGACCTCATGGAGACCGACAGCACCACG  
GGCAAGCCGACGGGGGTGTGGACGCCGATGCGCGTGTCTGGGGCGCCGTCTGG  
AGGCTGGACACCGACCGCCACGCAGGCGCCCTTCTCGCTGCGCATCCGCAGCG  
ACTCCGGCAAGACGCTGGTGGCCAGCAACGTCATCCCGGCAGACTGGAAGCCCA  
TGACCGACTACCCCTCCAACGTGCAGTTCCTTAA

### Nucleotide

>SvEXPB-24

ACACACAAGTACACAACACATATACGAACACTAATCCCGGGGATCTCTGGTAAG  
CTGGTACTAGGATCGAGCTGAGATGGCCGCCCGCGTGATCATCTCCTCCGCCAAG  
GTGGCTGCTGCACTCGTCGAGTGTTCCCGGTGCTTGCCACGTACGCCGAAGCTG

GCGGCTGGCTCCCGGCCAAGGCCACCTGGTACGGCGCGCCCAACGGCGCCGGTC  
CCGACGACAACGGTATGCACGAGCAGAGCGTGGCCGCGCCCCGGCCGTCGCGAA  
CACGATGCGTGTTGGCGTGCTATCTTTTCGCCGTCCCAACAATGCTGTGTGTGAC  
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CAGGGCGAAGCGTGTGATCATCACGGACATGAACTACTACCCGGTGTCCAAGTAC  
CACTTCGACCTGAGCGGCACGGCGTTTCGGCGCCATGGCCAAGACGGGGCTCAAC  
GACAAGCTCCGGCACGCCGGCATTCTCGAGATCCAGTTCCGGAGGGTGCCTGCA  
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GCGCGTGTGCTGGGGCGCCGTCTGGAGGCTGGACACCGACCGCCCCACGCAGGC  
GCCCTTCTCGCTGCGCATCCGCAGCGACTCCGGCAAGACGCTGGTGGCCAGCAAC  
GTCATCCCGGCAGACTGGAAGCCCATGACCGACTACCCCTCCAACGTGCAGTTCC  
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TCAAGTTTGT