

## IDENTIFICATION

**Species:** *Setaria viridis*

**Locus:** Sevir.1G264900

**Gene Model:** Sevir.1G264900.1.p

**Description:** SvEXPB-03

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

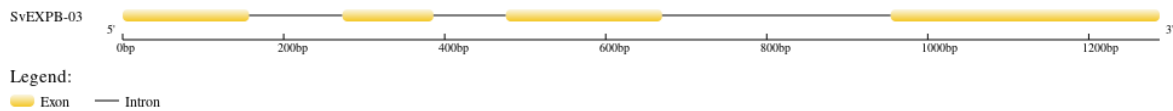
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sviridis\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1)

KEGG:-

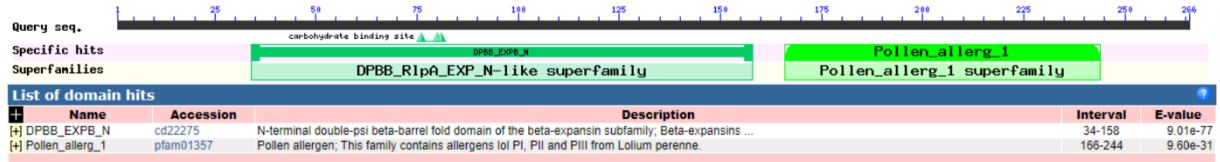
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SvEXPB-03

MASKVRFFFMAFAALACLLRPGAPVELHRKLSGWS DGAGATWYGSPNGAGSDGGA  
CGYQNAVLDLPPFSSMIAAGSPSIFQSGKGC GSCYQVRCTGHAACSGTPVTVVL TDECP  
DGVCLLEPVHFDLSGTAFGAMAKPGQADQLRSAGRLKIQYTRVPCNWKGM EITFGV  
DTGSPNYLAVLIEYESGDGDLRSVELMQAGGGRAAWAPMQQSWGAVWRYNSGS  
ALQAPFSIRITSGSGRAVVANNVIPAGWTPGGTYRSVVNFNY\*

### CDS (coding sequence)

>SvEXPB-03

ATGGCGTCCAAGGTCCGGTTCTTCTTCATGGCCTTCGCGGCCCTCGCCTGCCTCCT  
CCGTCCC GGC GCGCCCGTCGAGCTCCACCGCAAGCTCTCTGGCTGGTCCGACGGC  
GCCGGCGCGACGTGGTACGGCTCACCCAACGGCGCCGGGAGCGACGGCGGTGCG  
TGCGGGTACCAGAACGCCGTCGACCTGCCGCCGTTCTCGTCCATGATCGCCGCCG  
GCAGCCCGTCCATCTTCCAGAGCGGCAAGGGCTGCGGCTCCTGCTACCAGGTGAG  
ATGCACCGGCCACGCGGCGTGCTCCGGCACCCCGGTGACCGTGGTCTCACGGAC  
GAGTGCCCCGACGGCGTGTGCTGGAGGAGCCCGTGCACTTCGACCTGAGCGGC  
ACGGCGTTCGGCGCCATGGCGAAGCCCGGCCAGGCCGACCAGCTCCGCAGCGCC  
GGCCGCCTCAAGATCCAGTACACTCGGGTGCCGTGCAACTGGAAGGGGATGGAG  
ATCACGTTCGGAGTGGACACCGGCTCGAACCCGAACACTACTGGCGGTGCTGATCG  
AGTACGAGTCCGGGGACGGTGACCTGCGGTCCGTGGAGCTCATGCAGGCCGGTG  
GCGGCCGCGCGGCGTGGGCGCCGATGCAGCAGTCGTGGGGCGCGGTGTGGCGCT  
ACAACTCGGGCTCCGCCCTGCAGGCGCCCTTCTCCATCCGCATCACCTCCGGCTCC  
GGCAGGGCGGTTCGTCGCCAACAACGTGATCCCCGCCGGTTGGACCCCGGCGGC  
ACGTACCGCTCGGTTCGTGAACCTCAACTACTGA

### Nucleotide

>SvEXPB-03

ATGGCGTCCAAGGTCCGGTTCTTCTTCATGGCCTTCGCGGCCCTCGCCTGCCTCCT  
CCGTCCC GGC GCGCCCGTCGAGCTCCACCGCAAGCTCTCTGGCTGGTCCGACGGC  
GCCGGCGCGACGTGGTACGGCTCACCCAACGGCGCCGGGAGCGACGGTACGTTCG

TGTGTTCCGAGCATGGACGCGCATGAAACCCTGATATTGTTTTTTGCGTACACGA  
ATAATTCCTGATAATATAATGCCTGCCCTTCGTGCATGTCGACTTGCGTGTAGGCG  
GTGCGTGCGGGTACCAGAACGCCGTCGACCTGCCGCCGTTCTCGTCCATGATCGC  
CGCCGGCAGCCCGTCCATCTTCCAGAGCGGCAAGGGCTGCGGGCTCCTGCTACCAG  
GTTCGTTTCGTTTCGTCCACACACCCGTCGTCTAGAAATTATTGTACTCACTTAATAAT  
GACACCGCCGCCGTTGGGGCAATAATTTCCGCAGGTGAGATGCACCGGCCACGC  
GGCGTGCTCCGGCACCCCGGTGACCGTGGTCCTCACGGACGAGTGCCCCGACGGC  
GTGTGCCTGGAGGAGCCCGTGCACCTTCGACCTGAGCGGCACGGCGTTCCGGCGCCA  
TGCGGAAGCCCGGCCAGGCCGACCAGCTCCGCAGCGCCGGCCGCCTCAAGATCC  
AGTACACTCGGTAAGCTAGCCGCATGTATACGGTATACCGCGTGCAGGGGCATGC  
CCTGAAACACTAGCCAGTCTCTACTTGTGCTTGTGTACACACATGCGTGCATGTA  
GTAATCGCTTTCGGTGCCTTCTGTTGGATTGTTACCTTGTGGCCTTCACGCACGTA  
GTACAAACGCAGCGTGACCGTGACGCATGCGTGCTGCGCGCACGTACAAACGTTT  
TTGTGTAGCCTCCCCTTAGCGTCTCTTGTCTTTTGTGCCGTCTATGACCGCGCGT  
GCGTCTGCATTGCAGGGTGCCGTGCAACTGGAAGGGGATGGAGATCACGTTCCG  
AGTGGACACCGGCTCGAACCCGAACCTGGCGGTGCTGATCGAGTACGAGTCC  
GGGGACGGTGACCTGCGGTCCGTGGAGTCATGCAGGCCGGTGGCGGCCCGCGCG  
GCGTGGGCGCCGATGCAGCAGTCGTGGGGCGCGGTGTGGCGCTACAACTCGGGC  
TCCGCCCTGCAGGCGCCCTTCTCCATCCGCATCACCTCCGGCTCCGGCAGGGCGG  
TCGTGCGCAACAACGTGATCCCCGCCGGTTGGACCCCCGGCGGCACGTACCGCTC  
GGTCGTGAACTTCAACTACTGA