

## IDENTIFICATION

**Species:** *Setaria viridis*

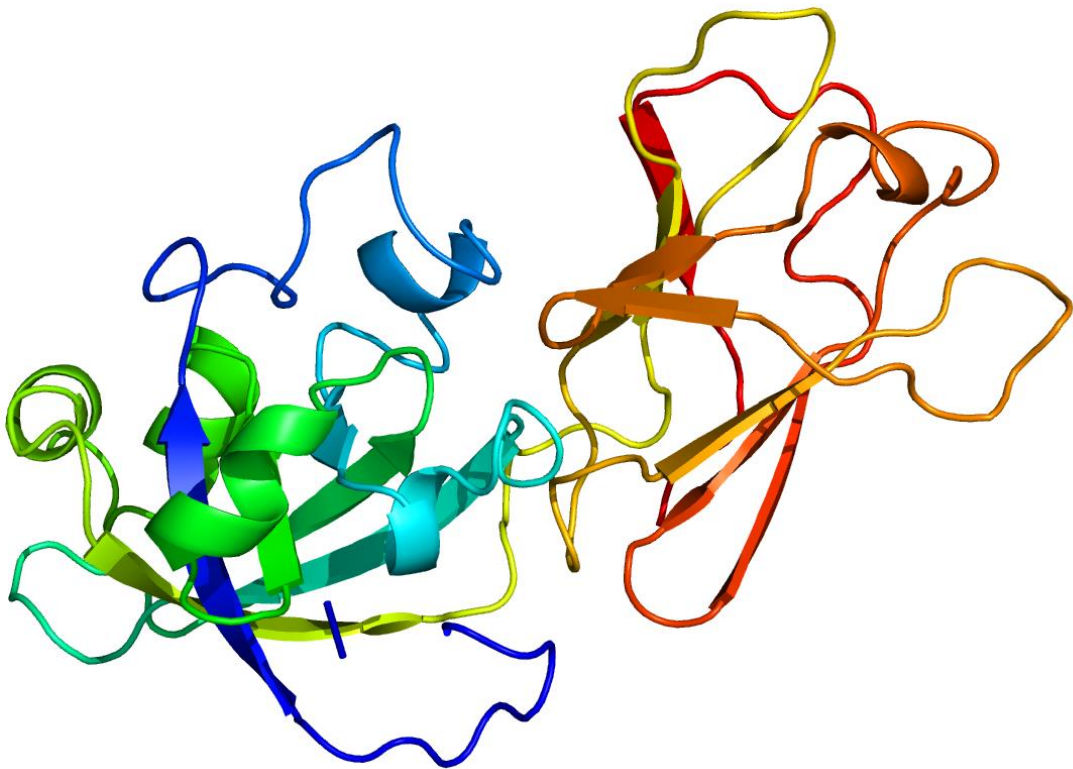
**Locus:** Sevir.1G265200

**Gene Model:** Sevir.1G265200.1.p

**Description:** SvEXPB-04

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

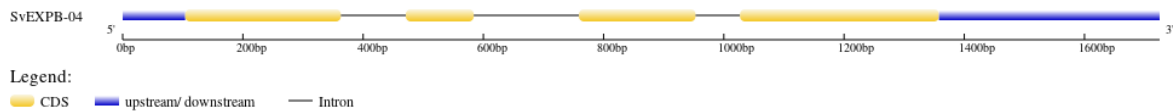
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sviridis\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1)

KEGG:-

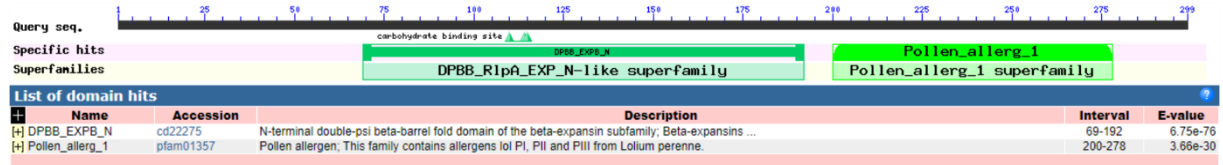
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SvEXPB-04

MVKSSYTLLFGALVVLALLASPIACTRKLAKPNKHRRPTHKPGVRARSNHTATPSAS  
DARGDAYGSGGWLSAGATYYGAPNGDGSDDGGACGYQTAVGQRPFSSMIAAGSPSL  
FKGGKGCACACGCGGCGATGCCTACGGCTCCGGCGGTTGGTTGTCTGCCGGC  
GCGACGTACTACGGCGCGCCCAACGGCGACGGCAGTGACGGCGGCGCGTGC  
TACCAGACCGCCGTCGGGCAGCGTCCCTTCTCGTCGATGATCGCCGCGGGAGCC  
CGTCTCTGTTCAAGGGAGGAAAAGGATGCGGCGCCTGCTACGAGGTTAAATGCA  
ACAGCAACACGGCGTGCTCCGGTCAGCCGGCGACCGTGGTCATCACCGACGAGT  
GCCCCGGTGGGTCTGCCTCGCCGAGGCAGCTCACTTCGACATGAGCGGCACCTC  
CATGGGCGCCATGGCGAAGCCCGGCATGGCCGACAGGCTTCGCGCTGCCGGAAT  
CCTCCAGGTCCAGTACAAGAGGGTGCCGTGCAAGTACAGCGGCGTGAACATCGC  
CTTCCGGGTGGACCAAGGCTCCAACCCCTTCTACTTCGAGGTGCTGATCGAGTTC  
GAGGACGGCGATGGCGACCTCAGCGCCGTCGACCTCATGGAAGCCGGGTGCGGC  
ACTTGACCCCGATGGTGCAGAATTGGGGCGCGCTGTGGCGCTACAACCTCCAACA  
CCGGCAAGGCGCTGAAGGCGCCCTTCTCGATCCGGCTCACCTCCGACTCCGGCAA  
GGCGCTCGTCGCCAACACGTCATCCCCGCGGCTGGAAGGCGGAGCCACGTA  
CCGCTCCTTGGTGAACACTCCTGA

### CDS (coding sequence)

>SvEXPB-04

ATGGTGAATCGTCTTACACCTTGCTGTTTCGGCGCACTGGTCGTGCTCGCGCTTCT  
AGCGAGCCCCATTGCTTGCACCCGCAAGCTCGCCAAGCCAAACAAGCACAGGCG  
GCCGACGCACAAGCCGGGAGTCAGGGCCCGTAGCAACACACCGCTACCCCTC  
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TACCAGACCGCCGTCGGGCAGCGTCCCTTCTCGTCGATGATCGCCGCGGGAGCC  
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CCGCTCCTTGGTGAACACTCCTGA

## Nucleotide

>SvEXPB-04

AAACACTCGAGCTGAGCTCATCACCTAGCTCACAGCCTCTTCCGATCGACCTACC  
AGTGCTTTGCTCAGAAGACGCAGCAGGCAAGAAGCTTGCAGCAGTGGCAATGGT  
GAAATCGTCTTACACCTTGCTGTTCCGGCGCACTGGTCGTGCTCGCGCTTCTAGCGA  
GCCCCATTGCTTGCACCCGCAAGCTCGCCAAGCCAAACAAGCACAGGCGGCCGA  
CGCACAAGCCGGGAGTCAGGGCCCGTAGCAACCACACCGCTACCCCCCTCGGCGT  
CCGATGCACGCGGCATGCCTACGGCTCCGGCGGTTGGTTGTCTGCCGGCGCGAC  
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GTGTTTGAGAGAGGCGCGGTGTCAGATGAGGAGGAGAAGCCGGTCTAAGAATCG  
TGTTCTTTCCCTCCCTCCACGATCTCTACGCAGTCCCCCTCGTGACGCATGCAGTCG  
CTGTGTCTATTTATCTGTGATTTTATTTTTTTCCCTTTTCTTCTCCTCTCGGTGTGATGT  
TGAGGGGAGAAGAATAGCTTAAGCTGCGACTAAAGTTGCATTATGGTGTATCCGC  
TATGAAATTGTGTGAATGTTTTTGTACCACGCAAATAAGCAATCCTTATGGAGAA  
ATGATTACTATTATTTTCATCG