

## IDENTIFICATION

**Species:** *Setaria viridis*

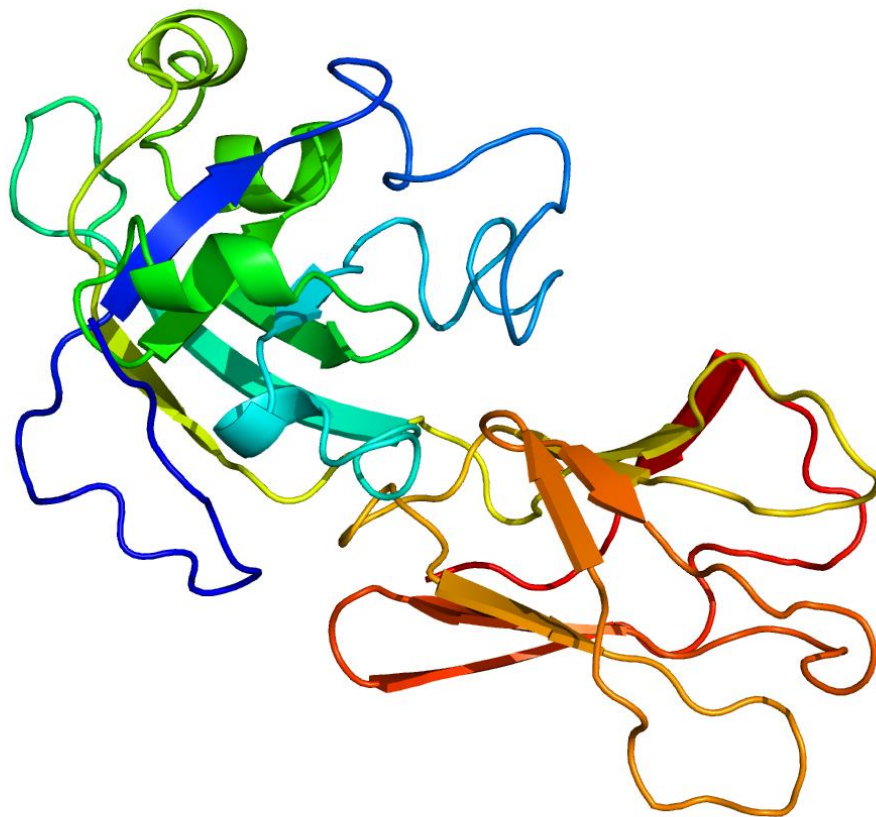
**Locus:** Sevir.2G127600

**Gene Model:** Sevir.2G127600.1.p

**Description:** SvEXPB-06

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

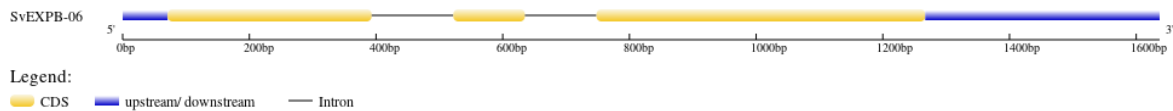
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sviridis\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1)

KEGG:-

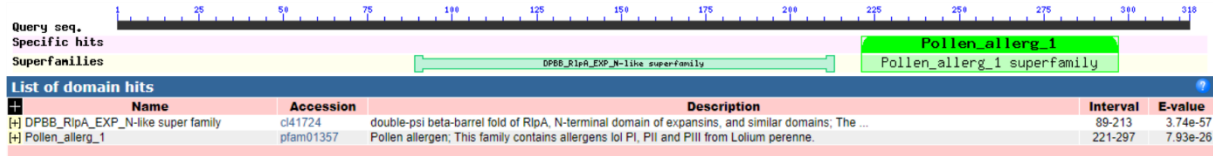
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SvEXPB-06

MAKLCTVLLAAVVLLSLVVSPIDCTRKLSKAKPKTKAVSHRPAPVAKVTHKPAPAV  
 KVSGHKPAPAAKPHRNYTAIPSSPSTVYGSGGWLSGAGATYYGAPNGDGGEGGACG  
 YQTAVGKQPFSSMIAAGSTPLYRDGEGCGACYEVKCTTNAACSGQPVTIVITDRSPG  
 DLFPGEVAHFDMMSGTAMGAMARPGMADKLRAGGVLRIQYRRVQCKYPGVNIAFKV  
 DQGANPFYFNVLVEFEDDDGDLNAVDLMEAGSGAWTSMAHNWGAMWMLNNGKR  
 LNAFGLRLTSDSGRVLVNNNAIPAGWKPGV TYRSLANYP\*

### CDS (coding sequence)

>SvEXPB-06

ATGGCCAAGCTTTGCACAGTGCTGTTGGCAGCTGTGGTCTTGCTCTCACTTGTAGT  
 GAGCCCCATTGATTGCACCCGCAAGCTCAGCAAGGCGAAGCCGAAGACGAAGGC  
 GGTCAGCCACAGGCCGGCGCCGGTAGCCAAGGTCACCCACAAGCCGGCGCCGGC  
 CGTCAAGGTCAGCGGCCACAAGCCGGCGCCCGCAGCCAAACCCACCGGA ACTA  
 CACCGCTATCCCCTCGTCGCCGTCCACCGTGTACGGTTCGGGCGGCTGGCTGTCCG  
 GCGCCGGCGCGACGTACTACGGTGCCCCAATGGCGACGGCGGCGAAGGCGGCG  
 CGTGCGGCTACCAGACCGCGTCGGGAAGCAGCCGTTCTCGTCGATGATCGCCGC  
 CGGTAGCACGCCGCTGTACAGGGACGGCGAGGGCTGCGGCGCCTGCTATGAGGT  
 GAAATGCACGACCAACGCGGCGTGCTCCGGCCAGCCGGTGACCATCGTGATCAC  
 CGACAGGTCCCCGGCGACCTGTTCCCCGGCGAGGTCGCCACTTCGACATGAGC  
 GGCACGGCCATGGGCGCCATGGCGAGGCCCGGCATGGCCGACAAGCTCCGCGCC  
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 ACAACGGAAAGAGGCTCAACGCGCCGTTCCGGGCTCCGGCTCACCTCCGACTCCGG  
 CAGGGTGCTCGTCGTCAACAACGCCATCCCCGCCGGGTGGAAGCCCGGGGTGACT  
 TACCGGTCCTTGGCCAACTACCCCTAA

## Nucleotide

>SvEXPB-06

GAATAATCGAGCTAGCTAGCTGAACATTCCAAGTGGTAAGCTTGGAAGAACGAG  
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CGTGTGTGAAGAGATTGCTCACTCTCAGTTACCTAAGACTACAACCA