

## IDENTIFICATION

**Species:** *Setaria viridis*

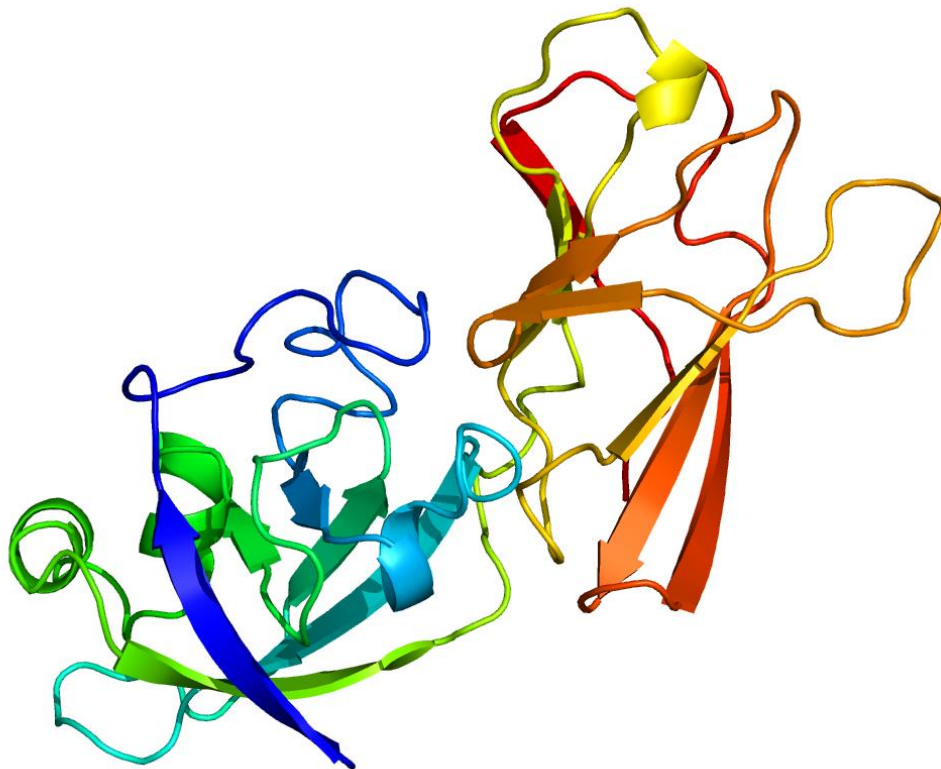
**Locus:** Sevir.9G556200

**Gene Model:** Sevir.9G556200.1.p

**Description:** SvEXLA-06

**Family:** Expansin Like Alpha

**3D structure:**



## GENOME DATABASES

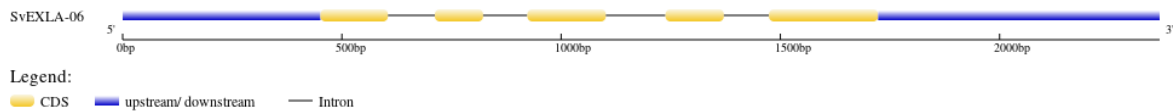
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sviridis\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1)

KEGG:-

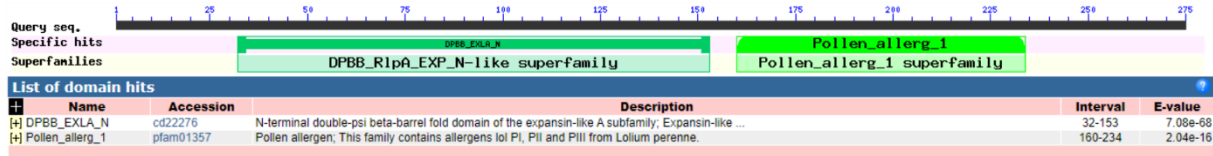
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SvEXLA-06

MREMAVPVRLASASSLSLLLLVLLPLLASACDRCVHHSKAAYYASSLTLAGGSCGY  
GAEAA SMGGGFLAAASPALYRAGVVGCGACFQVRCKDRKLC AAAGARVVVTDRAR  
TNRTDLVLSSPAFAAMARPGMAARLAKRRTVDVEYKRVPC EYKHRNLSVRVEEKSR  
APSELTIRFLYQGGQTDIVAVDVAQV GSSNWKF MTRDYGPAWSTSQAPPGPLQLRV  
VVTGGYD GKWVWADREVLPRRWRAGEVYDTGVQIADIAQEGCFPCDTHEWE\*

### CDS (coding sequence)

>SvEXLA-06

ATGAGGGAGATGGCCGTCCTGTCCGCCTCGCCTCCGCTTCCTCCTCCCTTTTCGCT  
CCTCCTCCTCGTCCTGCTCCCGCTCCTCGCCTCCGCCTGCGACCGCTGCGTCCACC  
ACTCCAAGGCCGCTACTACGCCTCCTCCCTCACCTCGCCGGCGGCTCCTGCGG  
GTACGGCGCCGAGGCGGCGTCCATGGGCGGCGGCTTCCTCGCCGCGGCGAGCCC  
CGCGCTGTACCGGGCCGCGTCCGCTGCGGCGCCTGCTTCCAGGTCCGGTGCAAG  
GACAGGAAGCTGTGCGCGGCGGCGGGCGCCAGGGTGGTGGTCACGGACCGCGCC  
AGGACCAACCGCACCGACCTCGTCCTCAGCAGCCCCGCGTTCGCCGCCATGGCGC  
GACCCGGCATGGCCGCGCGCCTCGCCAAGCGCCGCACCGTCGACGTCGAGTACA  
AGAGGGTGCCGTGCGAGTACAAGCACCGGAACCTCTCGGTGAGGGTGGAGGAGA  
AGAGCCGCGCCCCAGCGAGCTGACCATCAGGTTCTTACCAGGGCGGCCAGA  
CTGACATCGTGGCCGTCGACGTCGCACAGGTCGGTTCGTCCA ACTGGAAGTTCAT  
GACGCGCGACTACGGCCCCGGCGTGGAGCACGAGCCAGGCGCCGCCGGGGCCGCT  
GCAGCTCAGGGTGGTGGTGACCGGCGGGTACGACGGCAAGTGGGTCTGGGCCGA  
CCGCGAGGTCCTCCCGCGGCGGTGGCGCGCCGGCGAGGTCTACGACACGGGTGT  
CCAGATCGCTGACATCGCCAGGAGGGCTGCTTCCCCTGCGACACGCACGAGTGG  
GAGTGA

### Nucleotide

>SvEXLA-06

CGCAGGGACGGCCGTAGCCCCATCCCGGCGGCACCGAGCAGCCGTCCGTCCCTG  
GACTCCTTGTTCCACGCGCATGGCATGATGTACACCCCGCTCCTACTCGCGCCTC  
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TAGCAGCAGCAAGGGTTTGTGGTTATACGGGTTGCTCTGCTCCTTCGGGTACCTG  
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GAA