

## IDENTIFICATION

**Species:** *Salix purpurea*

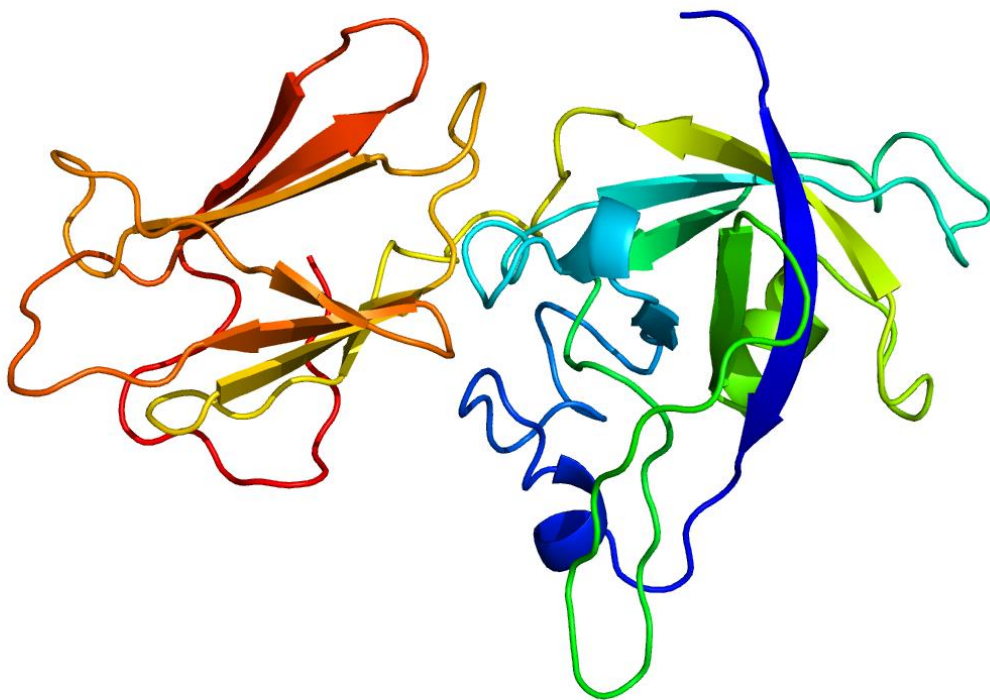
**Locus:** Sapur.017G115200

**Gene Model:** Sapur.017G115200.1.p

**Description:** SprEXPA-27

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

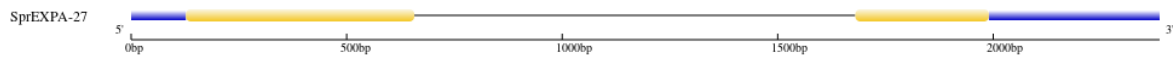
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Spurpurea\\_v5\\_1](https://phytozome-next.jgi.doe.gov/info/Spurpurea_v5_1)

KEGG:-

## EXTERNAL RESOURCES

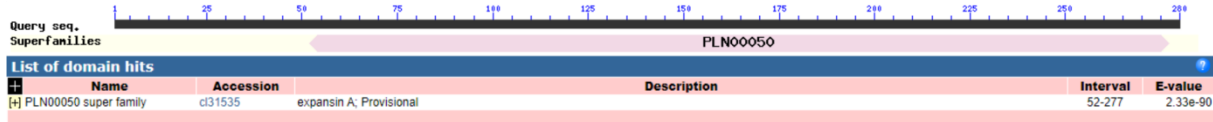
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## GENE STRUCTURE



Legend:  
■ CDS   ■ upstream/ downstream   — Intron

## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SprEXPA-27

MPPPLLQGPVHTLLKPPPLLLLLLLLLITLLPTTTSHTSSTTNPPPLSTSLSQWQSARAT  
YYAASDPRDSVGGACGYGDLVKAGYGMATVALSESMFERGQICGACFQIKCVDDL  
WCIPGTSIIIVSVTNFCAPNYGFTSDDGGKCNPPNKHVFLPIESFEKIAIWKAANMPIQY  
KRIKCRKEGGIRFTISGSGIFLSVLISNVAGAGDITSVRIKGSRTGWLDMGRNWGQNW  
HINANLQNQALSFEVTSSDKMTVISYTVAPKDWRFGQTFEGKQFET\*

### CDS (coding sequence)

>SprEXPA-27

ATGCCACCGCCATTACTTCAAGGCCCGTTACACCCTCCTGAAACCACCACCAC  
CTCTCCTCCTCCTCCTCCTCCTCCTCCTCATCACTCTCCTCCCCACCACCACGTCCCACA  
CCTCTTCCACCACCAATCCGCCACCTCTGTCCACCTCTCTATCCCAATGGCAATCC  
GCACGCGCTACTTACTACGCAGCATCCGATCCCCGGGACTCAGTAGGAGGGGCGT  
GTGGATATGGGGACTTGGTTAAAGCAGGATATGGAATGGCAACTGTAGCACTGA  
GTGAATCAATGTTTGAACGAGGACAGATCTGTGGCGCGTGTTTTCAAATCAAATG  
TGTTGATGATTTGAGGTGGTGTATTCCTGGGACGTCTATTATTGTCTCAGTCACTA  
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CAAATAAGCATTTTGTGCTGCCATTGAATCTTTTGAAAAGATTGCCATTTGGAA  
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GCTTGATATGGGTAGGAACTGGGGCCAGAAGTGGCATATTAATGCTAATTTACAG  
AATCAAGCTCTCTCATTTGAGGTCACTAGTAGTGATAAGATGACTGTTATTTCTTA  
CACCGTTGCTCCCAAAGACTGGAGATTTGGACAAACCTTTGAAGGAAAGCAATTT  
GAGACTTGA

### Nucleotide

>SprEXPA-27

CTTTAAAGCACACTTCAAGTTTCCACTGCTTCTGTAATAAAGAACAGAAAGACAA  
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