

## IDENTIFICATION

**Species:** *Salix purpurea*

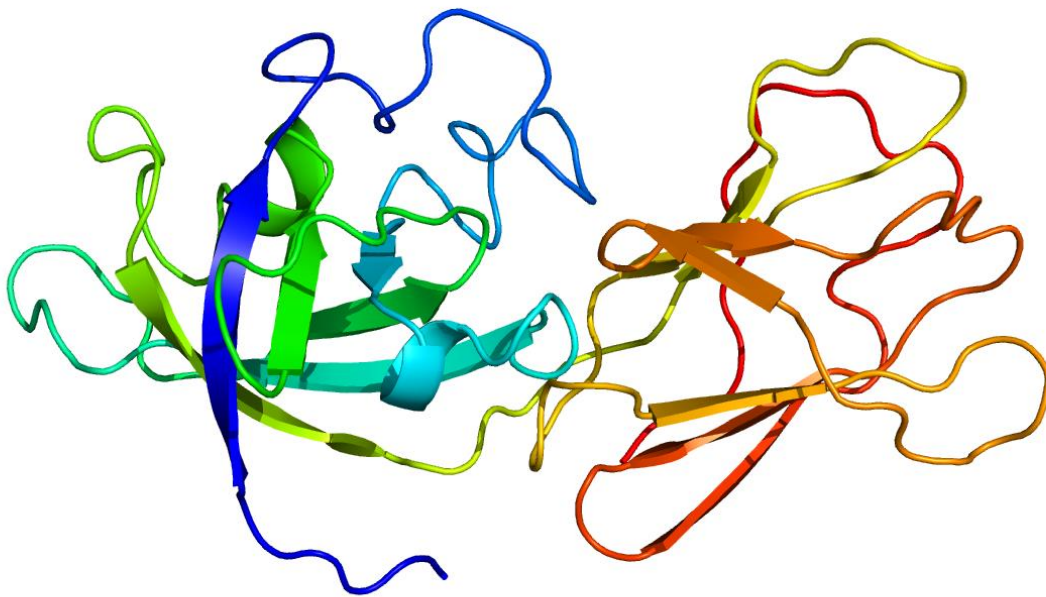
**Locus:** Sapur.15WG060700

**Gene Model:** Sapur.15WG060700.1.p

**Description:** SprEXPA-18

**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:-

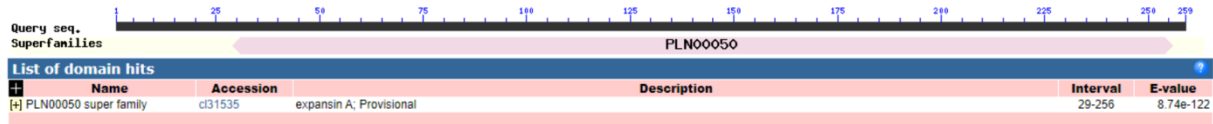
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SprEXPA-18

MAVGAVISTISLVLLLSLAEARIPGVYSGGAWQSAHATFYGGSDASGTMGGACGYG  
NLYSQGYGVNTAALSTALFNGLSCGACFEIKCANEPQWCHSGSPSIFITATNFCPPNF  
AQPSDNGGWCNPPRPHFDLAMPMLKIAEYRVGIVPVS YRRVPCRKPGGIRLTINGH  
RYFNLCLITNVAGAGDIVKVS VKGSRGTGWM TMSRNWQNWQSN SVLVGQSL SFRV  
TGSDRRTSTSWNVVPSNWQFGQTF TGKNFRV\*

### CDS (coding sequence)

>SprEXPA-18

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GTAACCTGTACAGCCAAGGGTATGGCGTGAATACTGCAGCACTAAGCACAGCCCT  
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CCACAATGGTGCCACTCTGGTAGCCCATCAATTTTTATCACAGCTACAACTTTTG  
CCCTCCTAATTTTGCTCAGCCCAGTGACAATGGTGGTTGGTGCAATCCTCCACGCC  
CTCACTTCGATCTTGCAATGCCCATGTTCCCTCAAGATCGCCGAGTACCGTGTGGC  
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CGCAGGAGATATAGTGAAGGTGAGCGTGAAGGGATCCAGGACTGGGTGGATGAC  
CATGAGCCGTA ACTGGGGTCAA AACTGGCAGTCAA AACTCAGTTCTGGTTGGTCAG  
TCATTATCTTTCAGGGTCACGGGCAGTGATAGACGCACTTCTACTTCATGGAATGT  
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TAA

### Nucleotide

>SprEXPA-18

ATGGCTGTCGGGGCTGTCATTTCTACTATATCTTTGGTGCTACTTTTGAGTCTTGC  
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