

IDENTIFICATION

Species: *Salix purpurea*

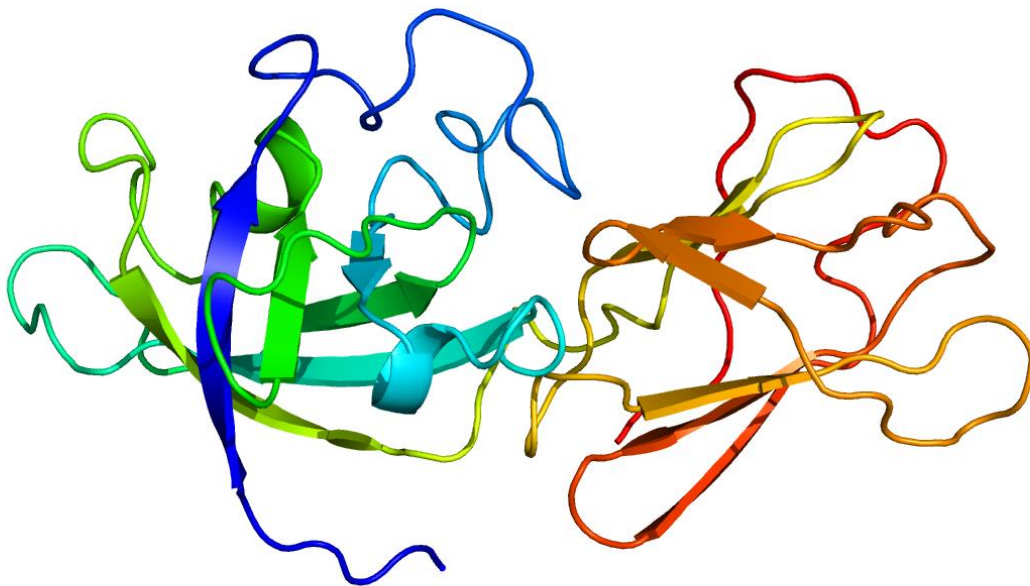
Locus: Sapur.15WG061800

Gene Model: Sapur.15WG061800.1.p

Description: SprEXPA-19

Family: Alpha Expansin

3D structure:



GENOME DATABASES

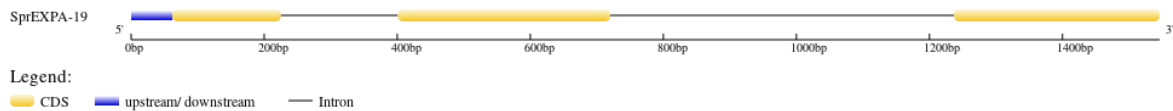
Phytozome: https://phytozome-next.jgi.doe.gov/info/Spurpurea_v5_1

KEGG:-

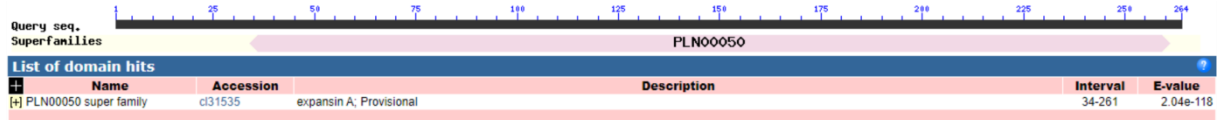
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SprEXPA-19

MAMMSLLCIATGLLIMMPLMWKGEARIPGVYSGGAWQTAHATFYGGADTSGTMG
GACGYGNLYSQYGVSTAALSTALFNGLSCGACFEMKCADDPKWCHSGSPSIFITA
TNFCPPNYELPNDNGGWCNPPCPHFDLAMPMLKIAEYHAGIVPVAYRRVPCRKRK
GMRFTINGFRYFNLVLISNVAGAGDIVQVSVKGSRTGWMSMSRNWQNWQSNAILV
GQSLSFrvKASDRRSSTSWNIVPAHWQFGQTFSGKNFRV*

CDS (coding sequence)

>SprEXPA-19

ATGGCAATGATGAGTAGTTTGTGTCATTGCAACTGGTCTATTGATAATGATGC
CATTGATGTGGAAGGGTGAAGCTAGAATTCCTGGTGTTCACAGTGGTGGTGCTTG
GCAGACTGCTCATGCTACCTTCTATGGTGGTGCTGACACCTCTGGCACCATGGGA
GGAGCTTGTGGATATGGAAATCTATACAGCCAAGGGTACGGTGTGAGCACGGCA
GCTCTAAGCACTGCACTGTTCAACAACGGCTTAAGTTGCGGTGCTTGCTTCGAAA
TGAAGTGTGCAGATGACCCAAAATGGTGCCACTCAGGCAGCCATCTATTTTCAT
CACCGCAACCAACTTCTGCCCCGCAAACTATGAACTTCCGAATGACAATGGAGGC
TGGTGCAACCCTCCTTGCCCCACTTCGACCTCGCCATGCCATGTTCCCTTAAGAT
CGCAGAGTACCACGCCGGTATCGTCCCTGTTGCCTACCGCCGGGTGCCTTGCCGG
AAGAGAGGAGGCATGAGGTTACGATAAACGGATTCCGCTACTTCAACTTGGTAC
TGATCAGCAACGTGGCGGGTGCGGGGGATATCGTGCAGGTGAGCGTGAAAGGTT
CAAGGACTGGGTGGATGAGCATGAGCCGTAAC TGGGGTCAAACTGGCAGTCAA
ACGCTATTCTGGTTGGCCAGTCACTCTCTTTCAGGGTCAAGGCCAGTGACCGGCG
TTCTTCCACTTCATGGAACATTGTCCCTGCCACTGGCAGTTTGGTCAGACTTTTT
CCGGCAAGAACTTCAGGGTCTAA

Nucleotide

>SprEXPA-19

CTCTTTCTCTCTCCTTCTGTCTAAAGTAGGAGGGTGTTCCTGTAGCAGTGAAGA
GGGAACATGGCAATGATGAGTAGTTTGTGTCATTGCAACTGGTCTATTGATAA
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TGCTTGGCAGACTGCTCATGCTACCTTCTATGGTGGTGCTGACACCTCTGGCACC
TGGGTATGTATCTGTATCTATCTCACTACCCACATTGATTGAACCTGATCGATTGA

GCTAGCTCTTAATCTCAACTAATTAGCTTTTAAACAGTTTGTTCCTGGACTTAAAAAT
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CGTAACTGGGGTCAAACCTGGCAGTCAAACGCTATTCTGGTTGGCCAGTCACTCT
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