

IDENTIFICATION

Species: *Salix purpurea*

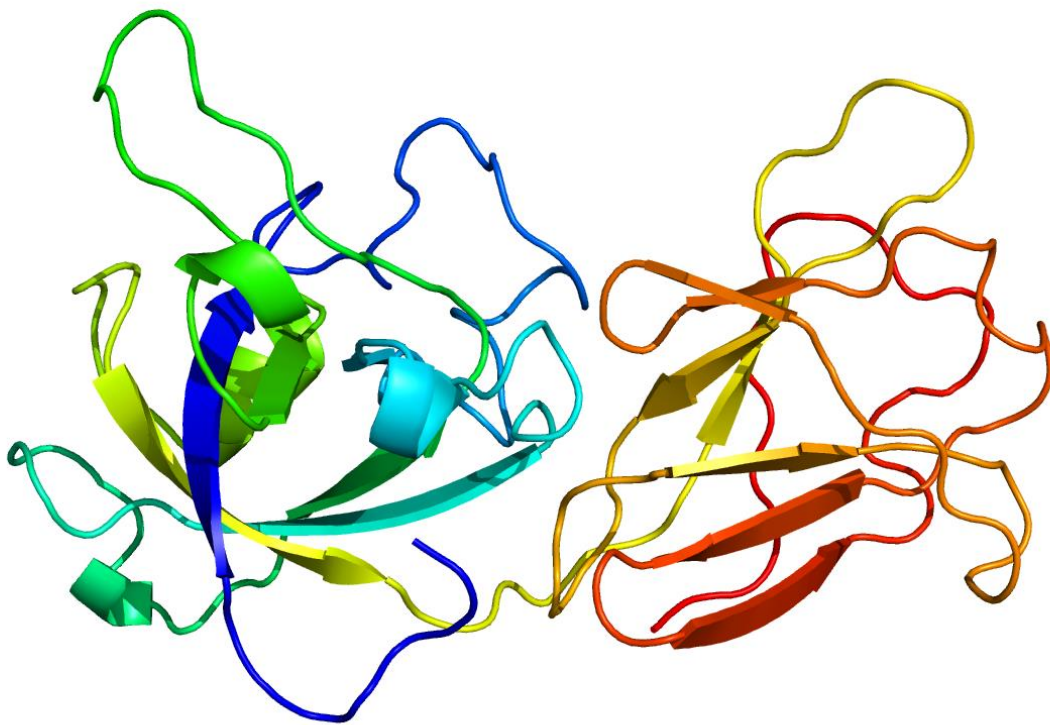
Locus: Sapur.004G156200

Gene Model: Sapur.004G156200.1.p

Description: SprEXPA-08

Family: Alpha Expansin

3D structure:



GENOME DATABASES

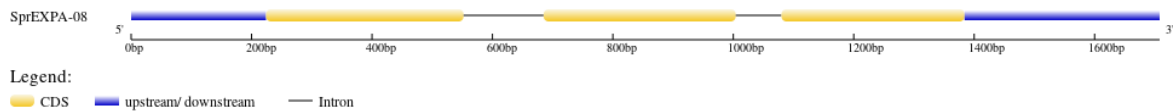
Phytozome: https://phytozome-next.jgi.doe.gov/info/Spurpurea_v5_1

KEGG:-

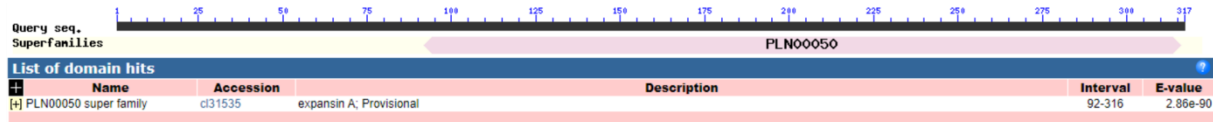
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SprEXPA-08

MGGGHLTSKASFISARRLGSFPPEEKGGSSLHSRVKIIISQRREEREQDKRKESQVRIILI
VVAYQMGALKVLLYLIVHQA WKITADDEEWKSATATYVKDTNGSIVVEGACGYG
DLHKATY GKYSAGLSSMLFNRRGSACGACFEVRCVDHILWCLQGSPS VILTATDFCPP
NYGLSADYGGWCNFPKEHFEMSEAAFEIAEKKADIVPVQHRRVKCGRRGGLRFTV
SGNFHFYQVLISNVGLDGEVIAVKVKGSKTAWIPMARNWQNWQSNANLIGQPLSF
EVTSSRKTLSYNAVAPANWQFGQTFEGKQF*

CDS (coding sequence)

>SprEXPA-08

ATGGGGGGTGGCCATCTAACCAGCAAAGCTAGCTTCATTTTCAGCAAGGAGACTCG
GGTCATTTCCCGAAGAAAAGGGTGGTTCTTCTTCACTCAAGAGTCAAGATCAT
AATTTACAGAGAAGAGAAGAAAGGGAGCAAGATAAAAGAAAAGAATCTCAAG
TACGAATCATAATTCTCATAGTTGTTGCTTATCAGATGGGTGCTCTAAAAGTCGTG
CTTCTCTACTTGATTGTACACCAAGCATGGAAGATCACCGCTGATGATGAGGAAT
GGAAGTCTGCCACTGCAACATACGTTAAGGATACAAATGGATCAATCGTTGTAGA
AGGTGCTTGTGGGTATGGGGACCTTCACAAGGCCACCTATGGAAAGTACAGTGCT
GGACTGAGTAGTATGCTGTTCAACAGAGGGAGTGCCTGCGGGGCTTGCTTCGAGG
TCAGATGTGTCGACCACATCTTATGGTGCTGCAGGGTAGCCCCTCCGTCATTCTC
ACTGCAACAGATTTCTGCCCTCCAAATTACGGGCTCTCGGCGGATTATGGTGGCT
GGTGTAATTTCCCGAAGAACACTTCGAGATGTCAGAGGCAGCATTACTGAAAT
CGCAGAGAAAAAGCTGATATCGTGCCAGTTCAACACAGAAGGGTGAAGTGTGG
AAGAAGGGGTGGGCTGAGATTCACAGTGAGTGGAATTTTCACTTCTACCAAGTC
CTGATCTCCAATGTGGGGTTGGATGGGGAGGTGATTGCTGTGAAAGTGAAGGGTT
CGAAAACAGCATGGATACCTATGGCAAGAACTGGGGACAAAATTGGCAATCCA
ATGCCAACCTTATTGGACAGCCTCTATCTTTCGAGGTGACAACCAGCAGCAGAAA
AACACTCACATCTTACAATGTTGCTCCAGCAAACCTGGCAATTTCGGACAGACATTT
GAAGGCAAACAATTCTAG

Nucleotide

>SprEXPA-08

AACAGAGCAAAGACTTTCCGCTCTCCGTGTCTGCCACAACCATAACAACCTTCCAA
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