

IDENTIFICATION

Species: *Salix purpurea*

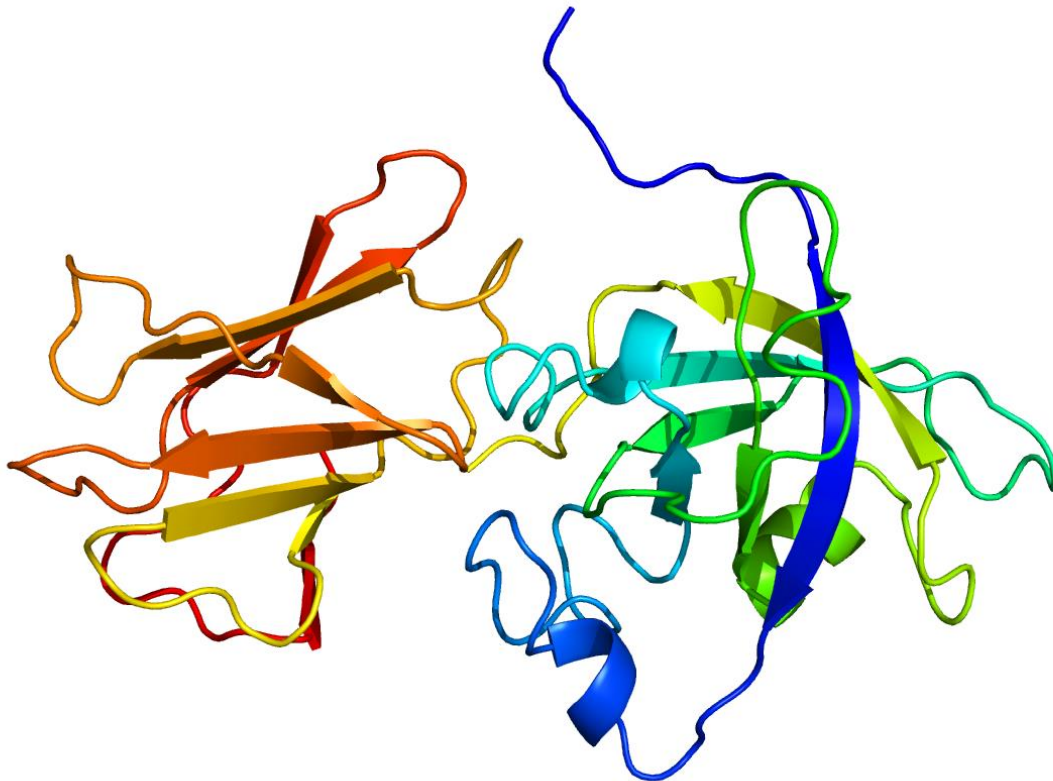
Locus: Sapur.013G056400

Gene Model: Sapur.013G056400.2.p

Description: SprEXPA-16

Family: Alpha Expansin

3D structure:



GENOME DATABASES

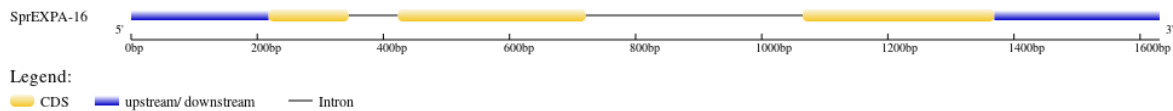
Phytozome: https://phytozome-next.jgi.doe.gov/info/Spurpurea_v5_1

KEGG:-

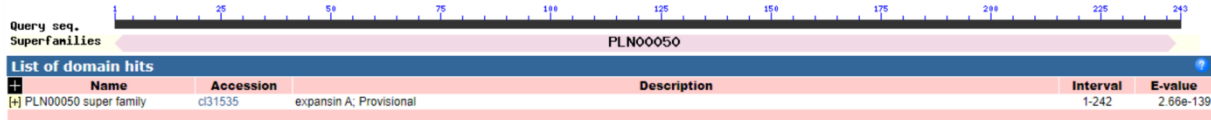
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SprEXPA-16

MDFLGICLVVFLTMSKTIHGYGGGWSNAHATFYGGGDAAGTMGGACGYGNLYSQ
YGTNTAALSTALFKNGLACGACFELKCVNDDRWCLSGSIITATNFCPPNSAGGWCN
PPSQHFDLSQPAFQHLARFKAGIVPVVYRRVACRKAGGIRFTINGHSYFNLILVSNVG
GAGDVVSVSVKGSRTGWQPMSRNWQNWQSSYLNGQALSFKVTTSDGRSIIISNNV
APPSWAFGQTFHGGQF*

CDS (coding sequence)

>SprEXPA-16

ATGGATTTTCTTGAATTTGTCTCGTAGTCTTCCTGACCATGTCGAAAACACTATTCA
TGGCTATGGAGGTGGATGGTCTAACGCTCATGCCACCTTCTATGGAGGTGGCGAT
GCTGCCGGAACAATGGGAGGAGCTTGTGGCTATGGAAACCTCTACAGCCAAGGT
TATGGGACAAACACGGCGGCGTTGAGCACAGCTTTATTCAAGAATGGACTAGCTT
GCGGAGCTTGTTTCGAGCTCAAATGTGTAAATGATGACAGGTGGTGTCTTTCAGG
ATCTATAATAATCACGGCAACAAATTTCTGCCCTCCAAACAGTGCCGGAGGGTGG
TGCAACCCGCCGTCCAGCACTTCGATCTTTCTCAGCCTGCTTTTCAACATCTAGC
TCGTTTCAAAGCAGGAATAGTCCCTGTCTTTACAGAAGAGTTGCTTGTAGGAAA
GCTGGAGGAATCAGATTCACAATAAATGGCCATTCATACTTCAACCTCATCCTCG
TATCCAACGTTGGTGGCGCCGGCGATGTTGTCTCCGTGTCCGTCAAAGGATCTAG
AACTGGTTGGCAGCCGATGTCTCGCAACTGGGGCCAAAATTGGCAGAGCAGCTCT
TACCTGAATGGGCAAGCACTCTCCTTCAAGGTGACAACAAGTGATGGAAGATCTA
TCATCTCCAACAATGTCGCTCCTCCAAGCTGGGCTTTTGGTCAGACCTTCCATGGA
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Nucleotide

>SprEXPA-16

GTTTTCTCCACAAACATCTATAAATACAGGTTCTTTCCCCAGCTTCTTCCTTGTCTT
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