

IDENTIFICATION

Species: *Salix purpurea*

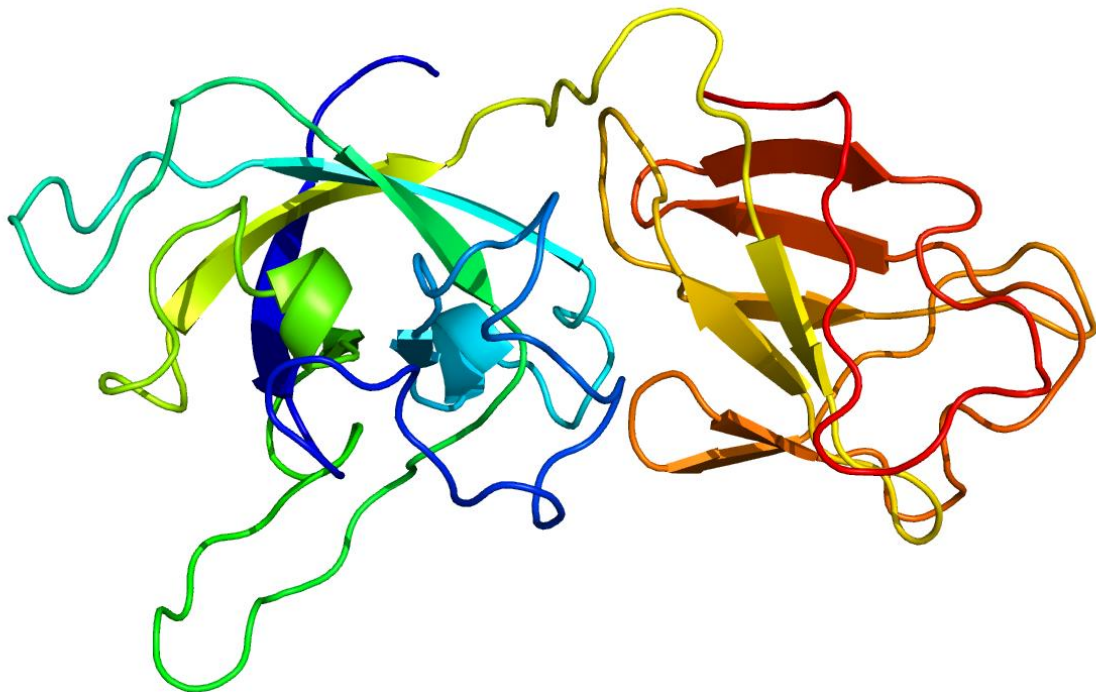
Locus: Sapur.002G012400

Gene Model: Sapur.002G012400.1.p

Description: SprEXPA-04

Family: Alpha Expansin

3D structure:



GENOME DATABASES

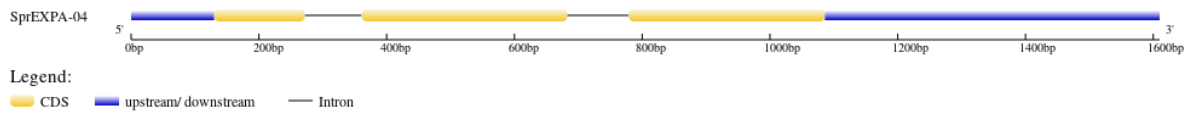
Phytozome: https://phytozome-next.jgi.doe.gov/info/Spurpurea_v5_1

KEGG:-

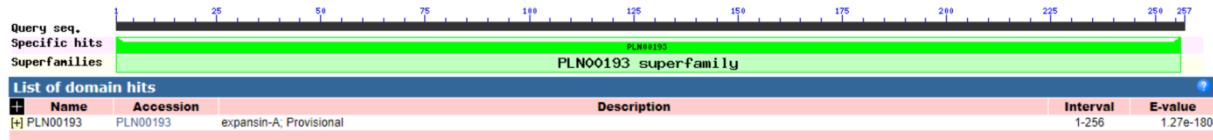
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SprEXPA-04

MGKMLLAFAILLQFCYYFAISADAFAPSGWVKGHATFYGGSDASGTMGGACGYGN
LYSTGYGTRTAALSTALFNNGASCCECYRIMCDFQTDNRWCIKGKSVTITATNFCPPN
FALPNNNGGWCNPPLQHFDMAQPAWEKIGIYRGGIVPVLFRVPCKKHGGVRFTING
RNYFELVLITNVAGAGSIQSVSIKGSNTGWLAMSRNWGANWQSNAYLNGQSLSFKIT
TTDGKTRFFTDIAPANWGFQTFSTLAQF*

CDS (coding sequence)

>SprEXPA-04

ATGGGGAAAATGCTTCTTGCAATCTTGCTGCAATTCTGCTACTATTTTGC
TATCAGTGCTGATGCGTTTGCCCATCAGGATGGGTGAAAGGTCACGCTACATTT
TATGGAGGAAGCGACGCCTCAGGAAGCTATGGGAGGAGCTTGTGGATATGGAAC
CTGTATTCTACTGGTTATGGGACTAGGACGGCTGCTTTAAGCACTGCTTTATTCAA
CAATGGAGCTTCATGCGGAGAATGTTACAGAATCATGTGTGATTTTCAAACAGAT
TCCAGATGGTGTATTAAGGAAAGTCTGTGACCATCACAGCAACAAATTTCTGCC
CCCCAAATTTTGCTCTCCCGAACAACAATGGAGGCTGGTGCAACCCTCCCCTCCA
GCATTTGATATGGCCAGCCTGCTTGGGAAAAGATTGGTATTTATAGAGGAGGG
ATCGTGCTGTTCTGTTCCAAAGGGTTCCTTGCAAGAAGCATGGTGGAGTCAGAT
TCACTATCAATGGAAGAACTACTTTGAGCTAGTCTTGATTACCAACGTGGCTGG
AGCTGGATCCATTCAATCCGTGTCAATCAAAGGCTCAAATACAGGCTGGCTGGCA
ATGTCAAGAACTGGGGGGCTAATTGGCAATCTAATGCTTATCTCAATGGCCAGT
CTTTGTCCTTTAAGATCACAACCTACCGATGGAAAGACTCGATTCTTCACAGACATT
GCTCCTGCAAATTTGGGGGTTTGGCCAGACTTTCACAAGCTTGGCACAGTTCTAA

Nucleotide

>SprEXPA-04

GGAACCATGCCTCTGGTACCTTATTTATTGAAGCGGTTCTTGTCTTTGCAAATGTA
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ATTGGCAATCTAATGCTTATCTCAATGGCCAGTCTTTGTCCTTTAAGATCACAAC
ACCGATGGAAAGACTCGATTCTTCACAGACATTGCTCCTGCAAATTGGGGGTTTG
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CCTGAGCTGCTGTGCTTTCCAATCCAAGGAAGAATCAAGCTTGACACAGAACATT
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