

IDENTIFICATION

Species: *Salix purpurea*

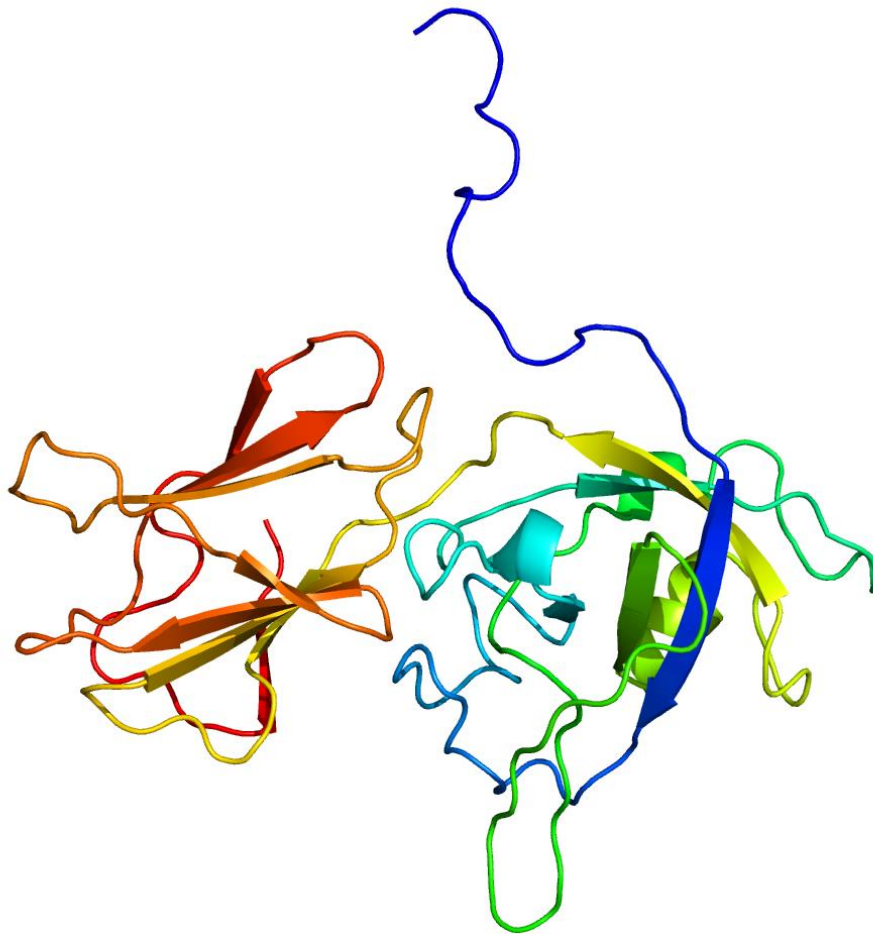
Locus: Sapur.016G089600

Gene Model: Sapur.016G089600.1.p

Description: SprEXPA-21

Family: Alpha Expansin

3D structure:



GENOME DATABASES

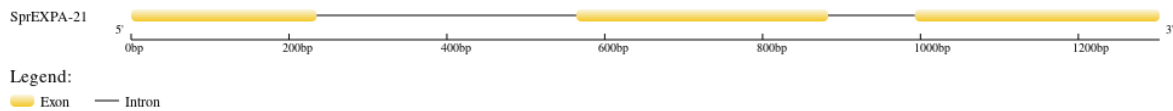
Phytozome: https://phytozome-next.jgi.doe.gov/info/Spurpurea_v5_1

KEGG:-

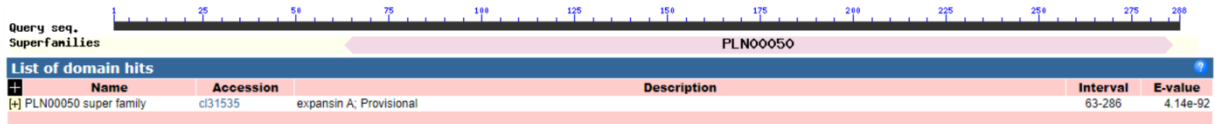
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SprEXPA-21

MMASSLKSMLATLLLLAIALPDCQAKSKPSLIGKQAIHHAIGRQANHIEPPKRHKPKF
RGPWMKAHATFYEGGSGTYGGACNYKDVAGEGYGMNTAALSSVLFKNGQTCGA
CYEIKCADSPQWCKIGQSSLFVTATDHCPPNPSLPNDNGGWCNVPREHFDVAKPVFS
QLAEYKAGIPIHYRRVPCKKQGGIRFTILGNPWFYQVIVWNVKGAGDIVSVQVKGD
DKLKWTQMERDWGATWKTSAILLGESLTFRVRASDKRYSTSWHVTPKNWQFGQTY
EGKNFN*

CDS (coding sequence)

>SprEXPA-21

ATGATGGCATCGTCTTTGAAATCTATGTTAGCAACATTGCTGCTTTTAGCCATTGC
ATTGCCTGATTGCCAGGCAAATCTAAGCCTTCCTCATAGGGAAACAAGCCATT
CACCATGCAATTGGACGACAAGCCAACACATTGAACCTCCCAAACGCCATAAA
CCAAAGTTCCGGCCAGGCCCATGGATGAAAGCTCATGCAACTTTCTATGAAGGTG
GCTCAGGAACATATGGGGGGGCATGCAATTACAAAGATGTTGCCGGCGAAGGTT
ATGGCATGAATACAGCTGACTGAGCAGTGTTTTGTTCAAAAATGGACAGACTTG
TGGTGCTTGTTACGAAATCAAATGCGCTGATAGCCCTCAATGGTGCAAGATAGGG
CAGTCATCTCTCTTTGTCACTGCAACTGACCATTGCCACCAAATCCATCTCTCC
AAATGACAATGGAGGCTGGTGCAATGTTCCACGTGAGCATTTCGATGTAGCCAAG
CCTGTATTTAGTCAGCTTGCTGAGTACAAGGCCGCATTATTCCAATCCACTATCG
CAGGGTTCCTTGCAAAAAGCAAGGAGGTATTAGATTCACTATATTGGGGAATCCT
TGGTTCTATCAGGTCATTGTGTGGAATGTGAAGGGAGCTGGAGATATTGTTAGTG
TTCAAGTGAAGGGTGATGACAAGCTCAAGTGGACGCAAATGGAACGAGATTGGG
GGGCAACTTGAAAACAGTGCTATTTTGCTTGGAGAGTCGCTAACCTTTCGTGT
TAGAGCAAGCGATAAAAGATACTCCACTTCATGGCATGTTACCCCTAAGAAGCTGG
CAATTTGGCCAGACATACGAGGGCAAGAAGCTTCAACTAA

Nucleotide

>SprEXPA-21

ATGATGGCATCGTCTTTGAAATCTATGTTAGCAACATTGCTGCTTTTAGCCATTGC
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