

IDENTIFICATION

Species: *Salix purpurea*

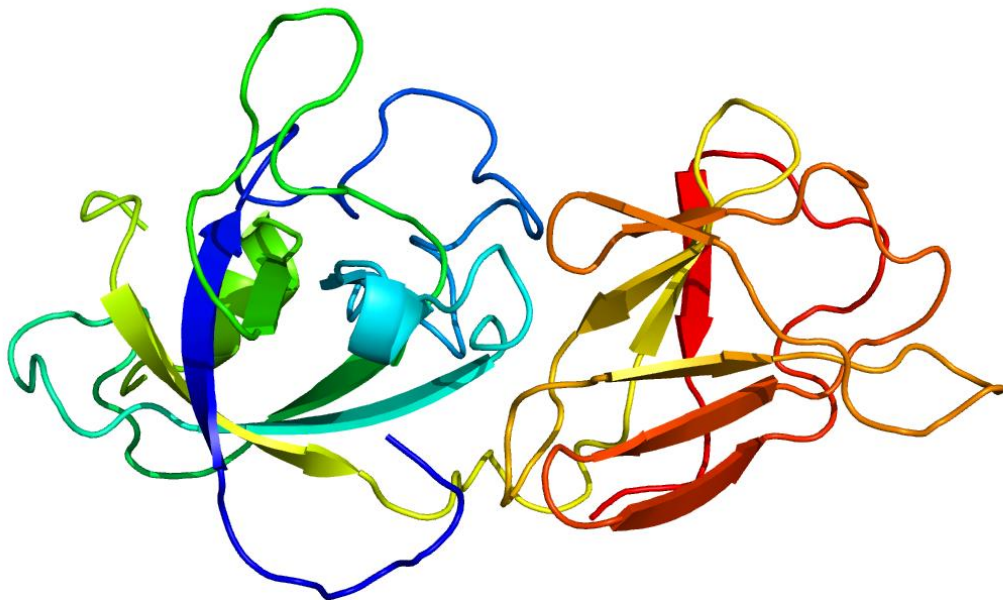
Locus: Sapur.016G259700

Gene Model: Sapur.016G259700.1.p

Description: SprEXPA-23

Family: Alpha Expansin

3D structure:



GENOME DATABASES

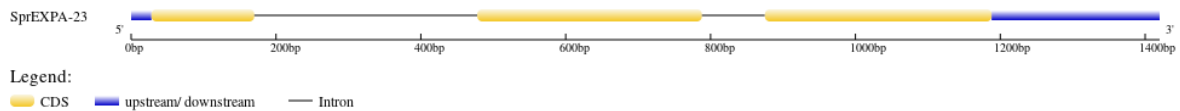
Phytozome: https://phytozome-next.jgi.doe.gov/info/Spurpurea_v5_1

KEGG:-

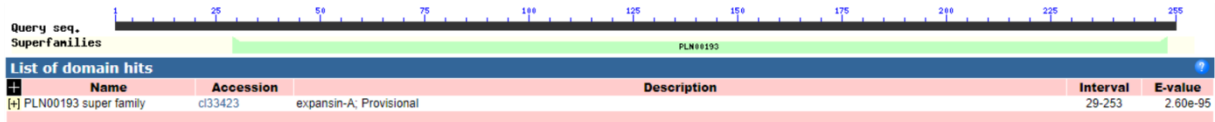
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SprEXPA-23

MGSFVTLVLCQFFFFVSLNLKINGGWLDAAHATFYGANQSPATLGGACGYDNT
FHAGFGVNTAAVSGALYRGGEACGACYQLMCNYRADPKWCLRRSVITVTATNFCPP
NNGGWCDPPRHFDMSMPAFFRIARRGNEGIVPVLYRRVSCTRRGGVRFRTLGRQS
NENLVMISNVGGSGDIRAAWVRGARARSWAPLNRNWGANWQSSFDLRNQKLSFKL
TLVDGKTLEFFNVVPSTWRFGQTFSSRNQFS*

CDS (coding sequence)

>SprEXPA-23

ATGGGATCTTTTGTCACTCTTTCTGTTTTGGTTTGCCAGTTTTTTTTCTTTGTTAGCT
TGCTTAATTTGAAGGGAATTAATGGTGGTTGGCTCGATGCTCATGCAACCTTCTAT
GGTGCCAATCAGAGCCCCGCCACTCTTGGAGGAGCTTGTGGATATGACAACACCT
TCCATGCCCGATTTGGAGTTAACACGGCGGCCGTGAGCGGTGCGCTGTACAGAGG
TGGAGAGGCATGTGGTGCTTGTACCAGCTAATGTGCAACTACAGGGCAGATCCC
AAGTGGTGCCTCCGCCGTTCAAGTTATCACGGTAACTGCCACAAACTTCTGCCCTCC
AAATAATAATGGAGGGTGGTGCATCCTCCTCGCCACCATTTTGACATGTCCATG
CCTGCTTTCTTTCGCATTGCACGGCGAGGCAATGAAGGCATAGTTCCTGTGCTCTA
CAGGAGGGTATCGTGCACAAGAAGAGGAGGAGTTCGTTTCACTCTGAGGGGACA
ATCAAACCTTCAACCTGGTCATGATCTCGAACGTTGGTGGTAGTGGTGATATTAGG
GCAGCATGGGTTAGAGGCGCGAGGGCAAGATCGTGGGCGCCATTGAACAGGAAT
TGGGGTGCGAACCTGGCAAAGCAGTTTCGATCTTCGAAACCAAAGCTGTCGTTTA
AGCTCACTTTAGTTGATGGAAAAACACTGGAATTTTTTAATGTTGTTCCCTTCAACT
TGGAGGTTTGGACAGACATTTTCTTCTCGAAACCAGTTCTCTTAG

Nucleotide

>SprEXPA-23

AGCTTTTTGAGATTATTTACAAGGGAAAATGGGATCTTTTGTCACTCTTTCTGTTT
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GGTAAGTCTAAAGTTTTTCAGAAAACAAGAACGCAAGATTGTAATGTGAGGGTGTA
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TACTTCTTTATAAAATATTATTTGAAAATGTATGAATTGAAGGGTATCGTGCACA
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TGATCTCGAACGTTGGTGGTAGTGGTGTATATTAGGGCAGCATGGGTAGAGGCGC
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