

IDENTIFICATION

Species: *Populus trichocarpa*

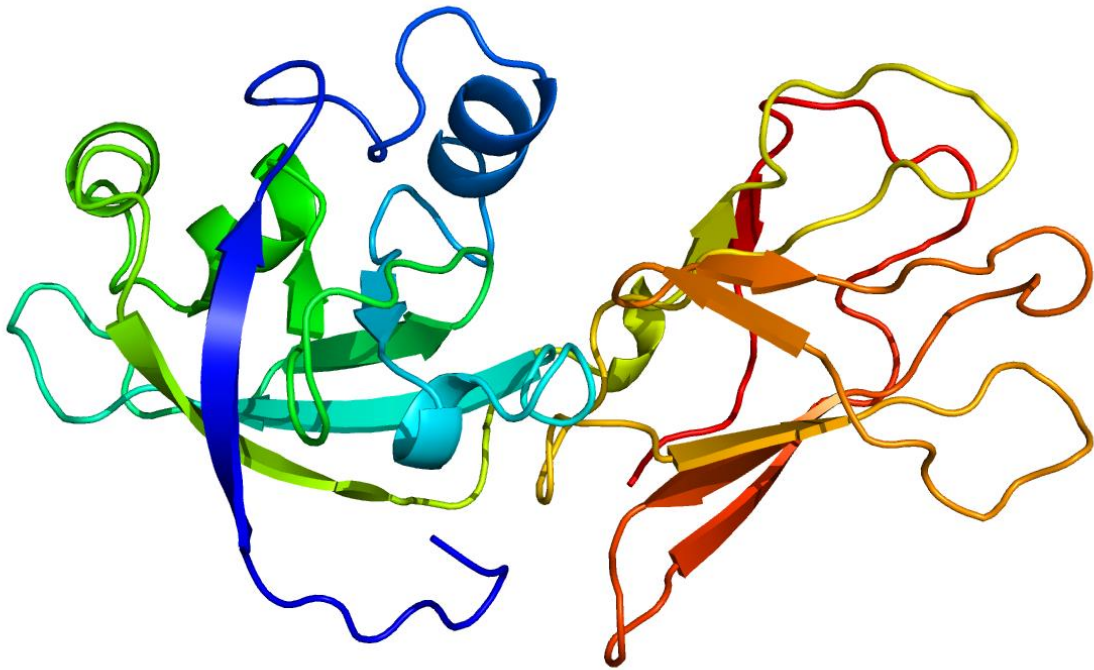
Locus: Potri.003G083200

Gene Model: Potri.003G083200.1.p

Description: PtEXLB-04

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

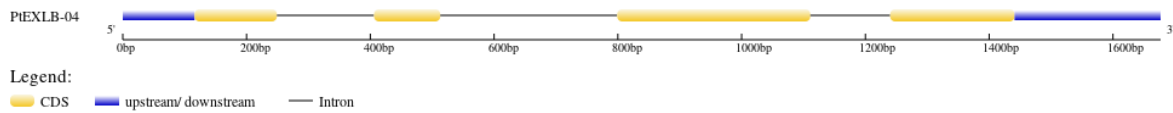
Phytozome: https://phytozome-next.jgi.doe.gov/info/Ptrichocarpa_v4_1

KEGG: <https://www.genome.jp/entry/gn:T01077>

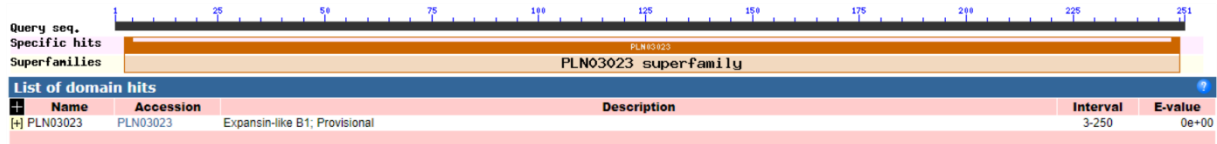
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PtEXLB-04

MGFAFKYGYSLLCIMALLPAYSYSQDYTFSRATYYGSPDCLGTPSGACGFGEYGRTV
NDANVAGVSRLYKNGTGC GG CYQVRCKAPNLCTDDGVNVVVTDYGEGDKTDFILS
PRAYARMAHPNMAVELIAYGVVDVEFRRI PCRYSGYNLMFKVHEHSRFPDYLA ILL
YQAGQNEILAVELWQEDCKEWRGMRRAYGAVWDMPNPPKGAISLRFQVSGSAGVT
YWAQAANVIPS DWKAGIAYDSTVQLS*

CDS (coding sequence)

>PtEXLB-04

ATGGGATTTGCATTTAAATATGGCTATTCCTTCTTTGTATCATGGCACTTCTGCC
TGCAATAAGTTACTCCCAAGACTACACATTCTCAAGAGCAACTTATTATGGTAGC
CCTGATTGCTTAGGGACACCATCTGGAGCTTGC GG GTTTGGAGAATATGGAAGGA
CGGTCAACGATGCTAATGTGGCCGGGGTTTCAAGACTCTACAAGAATGGCACTGG
CTGCGGTGGTTGCTATCAGGTTAGGTGCAAAGCACCAAATCTTTGCACCGATGAT
GGGGTAAACGTAGTGGTACTGACTATGGTGAAGGAGACAAA ACTGACTTCATCC
TCAGCCCACGCGCCTATGCAAGAATGGCACATCCAAACATGGCCGTAGA ACTGAT
TGCGTACGGTGTGTCGATGTAGAATTCCGGAGGATCCCTTGCCGTTACTCCGGTT
ATAACCTCATGTTCAAGGTCCATGAGCATAGCAGGTTTCTGATTACTTGGCTATA
ATTCTCTTGTACCAAGCTGGCCAAAATGAAATTTAGCTGTGGAGTTATGGCAGG
AGGATTGCAAGGAATGGAGAGGCATGAGAAGAGCCTATGGGGCAGTGTGGGATA
TGCCTAACCCACCTAAGGGTGCCATCAGCTTGAGGTTCCAAGTAAGTGGCAGTGC
AGGCGTCACATATTGGGCCCAAGCAGCAAATGTTATACCGAGTGATTGGAAGGCT
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Nucleotide

>PtEXLB-04

ATCCATCGATCTTCTTCTTCCCTCCTCCTCATAAACTCTCTCAACTAGCTAG
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ATTGCGTACGGTGTGTCGATGTAGAATTCGGGAGGATCCCTTGCCGTTACTCCG
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ATCTTTTTGTTGT