

## IDENTIFICATION

**Species:** *Populus trichocarpa*

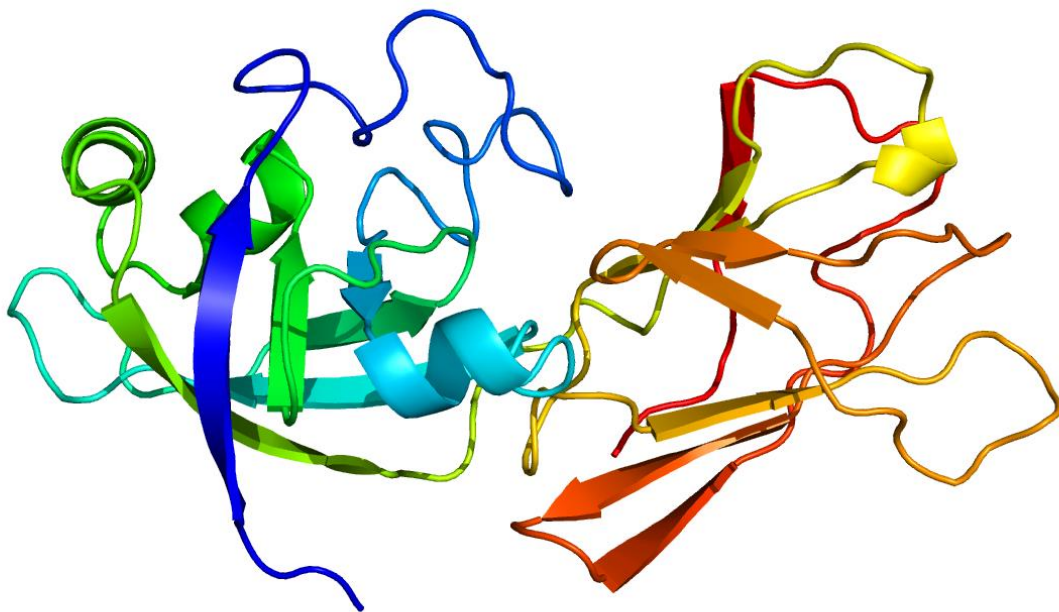
**Locus:** Potri.001G147200

**Gene Model:** Potri.001G147200.5.p

**Description:** PtEXLB-01

**Family:** Expansin Like Beta

**3D structure:**



## GENOME DATABASES

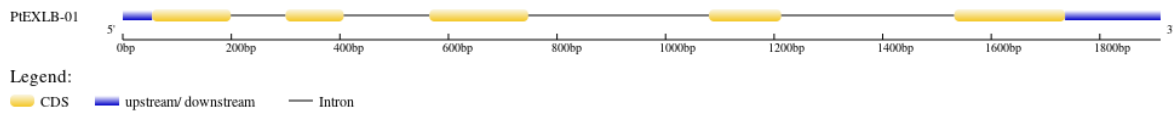
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Ptrichocarpa\\_v4\\_1](https://phytozome-next.jgi.doe.gov/info/Ptrichocarpa_v4_1)

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

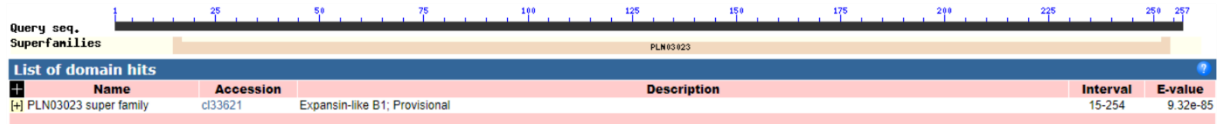
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>PtEXLB-01

MVPTLQFLLFSLGTLFLMQLAEAAATCSDFIHSRAAYYPNSYENGTDTGRCGYGSF  
GATLNGGDVSAVSDLYRDGVGCGACYQVRCTDSHYCTDKGVTIVVTDHGSSHNTD  
FILSRRAFGRMAQTTDAAASLIALGVVDVEYKRVSCSYPNKNITIKIDENSDHPSYMG  
FVWVYQQGRRDITAVHLCETQNFACKVLDRSYGAVWTTTSPPSGPLSLRMLFSEEDG  
DETWVVPVNNIPNDWKAGQTYDTGVQVNS\*

### CDS (coding sequence)

>PtEXLB-01

ATGGTTCCTACTCTGCAGTTCCTTTTGTTCCTTTCAGGAACTTTGCTTTTTATGCAG  
ACTCTAGCAGAGGCTGCAACATGTAGCGACTGTTTCATTCATTCTAGGGCAGCTT  
ACTATCCAAATTCTTATGAAAATGGAACAGACACAGGCAGATGCGGATATGGTTC  
ATTCGGTGCAACCCTGAACGGCGGGGATGTATCAGCTGTATCTGACCTCTACCGT  
GATGGTGTTCGGCTGTGGTGCTTGCTACCAGGTAAGGTGCACCGACAGTCACTATT  
GCACTGACAAAGGAGTCACCATTGTTGTAACCGACCATGGATCAAGTCATAACAC  
TGACTTCATTCTCAGCAGAAGAGCCTTTGGTCGGATGGCTCAAACAACAGATGCG  
GCTGCATCTTTAATAGCCCTTGGAGTAGTTGATGTTGAATATAAACGTGTTTCATG  
CAGCTATCCAAACAAAACATAACCATCAAATCGATGAGAACAGCGACCACCC  
TTCTTACATGGGTTTTGTCGTTTGGTATCAACAAGGAAGGAGGGATATCACTGCT  
GTTACCTGTGTGAGACACAAAATTTTGCCTGCAAGGTCTTGGACAGAAGCTATG  
GAGCTGTATGGACAACACTTACCCCCAGTGGACCCTTGTCACTTAGAATGTT  
ATTCAGTGAAGAGGATGGAGATGAGACATGGGTAGTTCCAGTCAACAACATACC  
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A

### Nucleotide

>PtEXLB-01

CATTACCCCTCATCTTCTTTGCTTTTTATTGTCTTTGCTCTTTGTATACCGATAATG  
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