

## IDENTIFICATION

**Species:** *Populus trichocarpa*

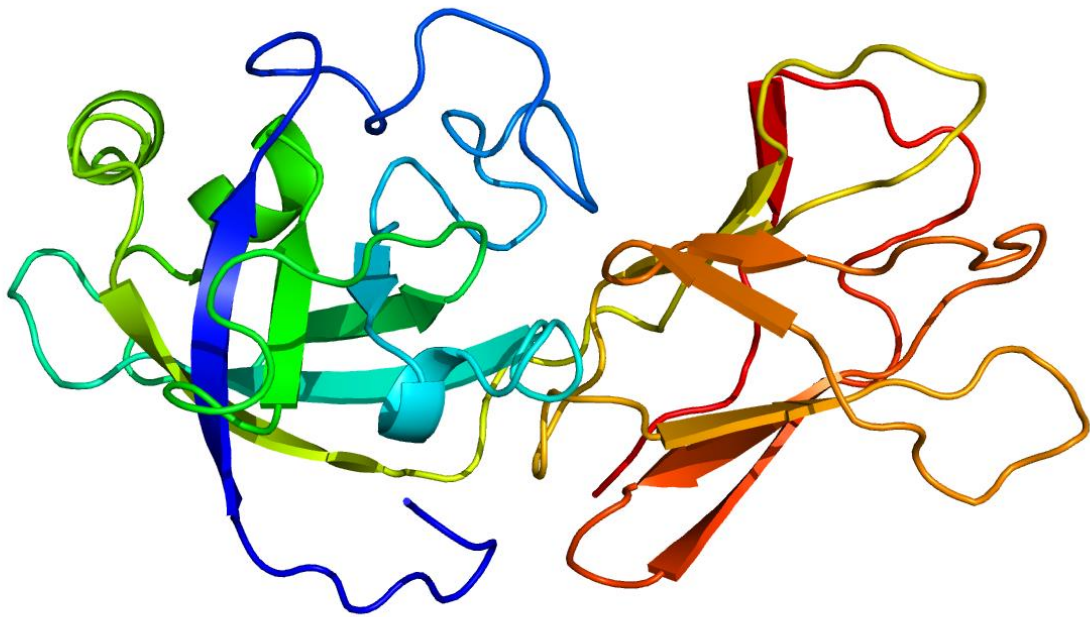
**Locus:** Potri.019G101900

**Gene Model:** Potri.019G101900.1.p

**Description:** PtEXPB-03

**Family:** Beta Expansin

**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>

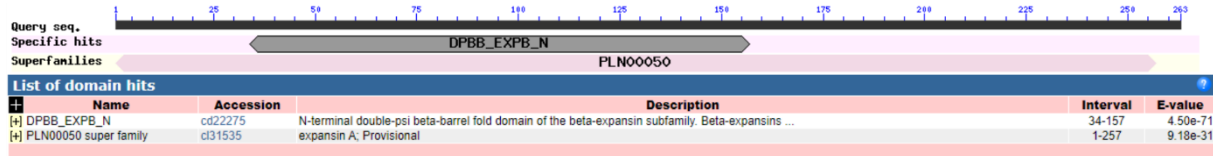
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>PtEXPB-03

MQLLGLYVVVFLKCF LGVFGQQVHPQHNVADLHWKPATATWYGSPDGDGSDGGA  
CGYGS LVDVKPFRARVGA VSPVLFKNGEGCGACYKVRCLDKSICSRRAVTIIVTDEC  
PGGYCSNGNTHFDLSGA AFRMAISGENGQLRNRGEIPVIYRRT PCKYPGKNIAFHVN  
EGSTDYWLSILVEFEDGDGDV GSMHIREAGGTEWLEMNHVWGATWCIIRGPLKGP  
SVKLTTLTTGRTL SAREVIPRNWAPKATYTSRLNFFH\*

### CDS (coding sequence)

>PtEXPB-03

ATGCAGCTCTTGGGGTTATATGTTGTGGTGTCTTAAAGTGCTTTTTGGGTGTCTT  
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ACTGCCACCTGGTATGGCAGTCCTGACGGTGATGGTAGTGACGGAGGGGCATGTG  
GGTACGGGTCATTAGTGGATGTGAAGCCATTCAGGGCCAGAGTTGGTGCAGTGA  
GCCCAGTACTCTTCAAGAATGGTGAAGGATGTGGGGCATGTTACAAAGTTAGGTG  
CCTAGACAAGAGCATATGCTCAAGAAGGGCAGTGACCATAATTGTTACAGATGA  
GTGTCCAGGTGGGTATTGTTCCAATGGCAACACTCACTTTGACCTTAGTGGTGCA  
GCCTTTGGTCGCATGGCTATTTCCGGTGAGAATGGTCAGCTCAGGAACCGAGGTG  
AAATCCCGGTCATTTATCGCAGGACCCCATGCAAGTACCCAGGGAAGAACATTGC  
CTTCCATGTCAATGAAGGCTCAACAGATTATTGGCTATCCATTCTAGTAGAGTTTG  
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CCTGAAAGGACCATTCTCCGTGAAATTAACAACACTAACAACAGGAAGAACACT  
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### Nucleotide

>PtEXPB-03

AACAACACCACCCTTGAGTACATAGCGAGTGAAAACTGTTCGGCAAAGGTTGT  
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