

IDENTIFICATION

Species: *Populus trichocarpa*

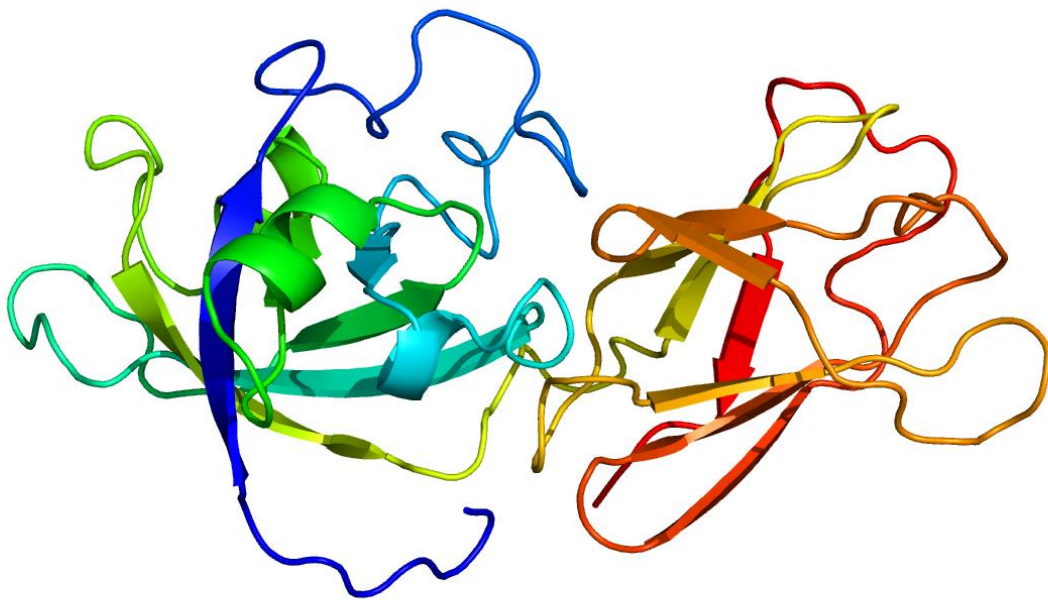
Locus: Potri.017G085300

Gene Model: Potri.017G085300.3.p

Description: PtEXPA-26

Family: Alpha Expansin

3D structure:



GENOME DATABASES

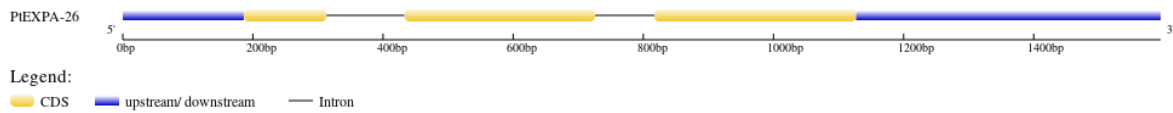
Phytozome: https://phytozome-next.jgi.doe.gov/info/Ptrichocarpa_v4_1

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

EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE

Query seq. Superfamilies

PLN00050

Name	Accession	Description	Interval	E-value
PLN00050 super family	c31535	expansin A, Provisional	1-239	1.41e-135

SEQUENCES

Peptide

>PtEXPA-26

MAPFGFLLVGFLSIVSSVHGYYGGWINAHATFYGGGDASGTMGGACGYGNLYSQG
YGANTAALSTALFDNGLSCGACFEIRCVNDPKWCLRGSIVVTATNFCPPGGWCDPPN
KHFDSLQPVFQHIAQYRAGIVPVIYRRIRCRKSGGIRFTINGHSYFNLVLITNVGGAGD
VRSVAIKGSRTRWQAMSRNWGQNWQSNAYLDGQSLVTTSDGRRVVSYNVAPA
GWSFGQTYSGGQFRY*

CDS (coding sequence)

>PtEXPA-26

ATGGCTCCTTTTGGGTTTCTTTTAGTGGGGTTTCTCTCCATTGTCTCGTCTGTTTCAT
GGATATTATGGAGGTTGGATTAACGCACATGCCACTTTCTATGGAGGTGGCGATG
CTTCAGGGACAATGGGCGGGGCTTGTGGCTATGGAAACCTCTACAGCCAGGGTTA
TGGAGCTAACACAGCAGCACTGAGCACTGCATTGTTTCGACAATGGTCTGAGCTGC
GGGGCTTGTTTTGAGATCAGATGTGTGAATGACCCTAAGTGGTGCCTGCGTGGCT
CCATTGTGGTCACTGCCACTAACTTTTGCCCTCCCGGAGGCTGGTGTGATCCTCCC
ACAAGCATTGATCTCTCAACCTGTCTTCCAGCACATTGCCAATATAGAGC
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TAGGTTACCATCAATGGCCACTCATACTTCAATTTAGTCCTGATACCAACGTTG
GCGGCGCCGGTGATGTGCGTTCTGTGGCCATCAAGGGTTCAAGAACTCGATGGCA
GGCAATGTCAAGAACTGGGGCCAAAATTGGCAGAGTAATGCTTACCTTGATGG
GCAAAGTCTCTTTTTCTAGTTACCACAAGTGATGGTCGCAGAGTGGTTTCTTACA
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GTACTAG

Nucleotide

>PtEXPA-26

CATTTCCCACAATACTATCTTTTTCCAAGGTTTTATCATTTTCTACTAACACTATC
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