

IDENTIFICATION

Species: *Populus deltoides*

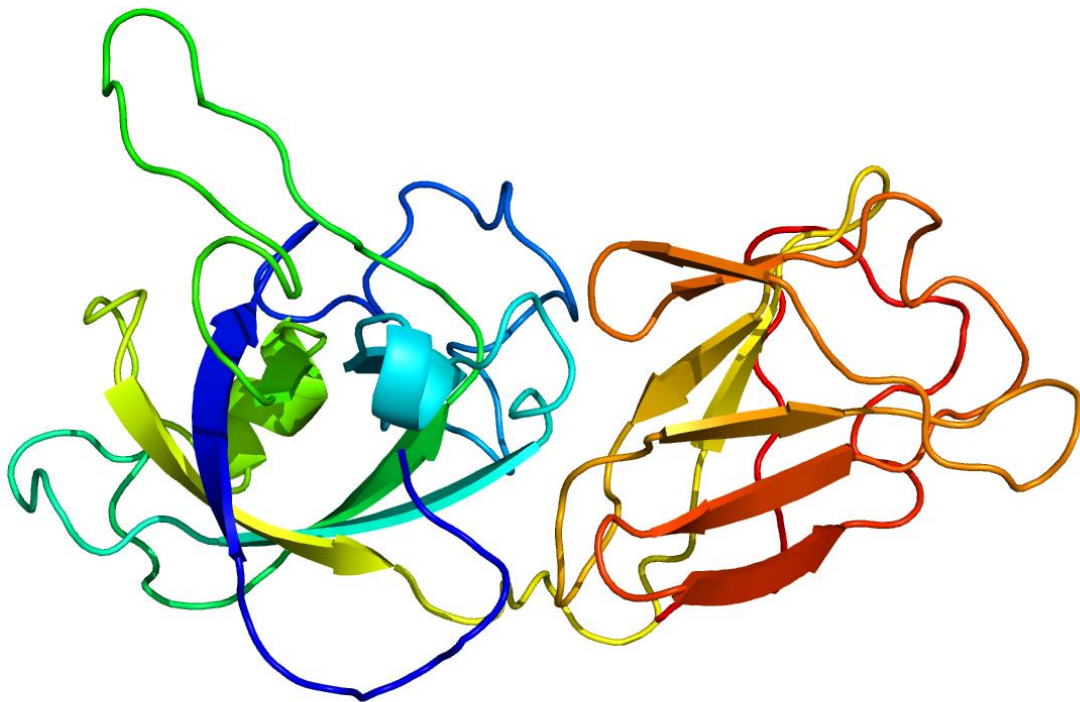
Locus: Podel.02G017300

Gene Model: Podel.02G017300.1.p

Description: PdEXPA-05

Family: Alpha Expansin

3D structure:



GENOME DATABASES

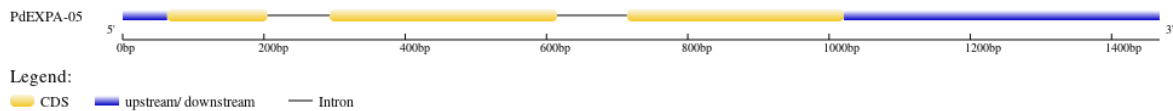
Phytozome: https://phytozome-next.jgi.doe.gov/info/PdeltoidesWV94_v2_1

KEGG:-

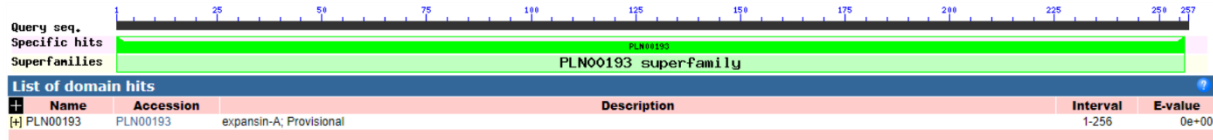
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PdEXPA-05

MGKLLLAFAIWLQFCNYFAINVNAFAPSGWMKGHATFYGGSDASGTMGGACGYGN
LYSTGYGTKTAALSTALFNDGASCGEYRIMCDFQTDSRWCIKGRSVTITATNFCPPN
FALPNNNGGWCNPPLQHFDMAQPAWEKIGIYRGGIVPVLQKVPCKKHGGVRFTING
RSYFELVLITNVAGAGSIQSVSIKGSKTGWLAMSRNWGANWQSNAYLNGQSLSFKV
TTTDGQTRFFTDIVPANWGFQTFQSPVQF*

CDS (coding sequence)

>PdEXPA-05

ATGGGAAAAGCTGCTTCTTGCATTTGCAATCTGGCTGCAATTCTGCAACTATTTTGC
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ATGGAGGCAGTGATGCCTCAGGAAGCTATGGGAGGGGCTTGTGGATATGGAAACT
TGTATTCTACTGGTTATGGGACTAAGACTGCTGCTTTAAGCACTGCTTTATTCAAT
GATGGAGCTTCATGTGGAGAATGCTACAGAATTATGTGTGATTTTCAAACGGATT
CCAGATGGTGTATTAAGGGAGGTCTGTGACTATTACTGCAACAAATTTCTGCCC
CCCGAATTTTGTCTTTCCAAACAACAATGGAGGCTGGTGCAACCCTCCCCTCCAG
CATTTCGATATGGCCCAGCCTGCTTGGGAAAAGATTGGTATTTATAGGGGAGGGA
TCGTGCCTGTTTTGTTCCAAAAGGTTCTTGCAGAAGCATGGTGGAGTCAGATT
CACAATTAATGGAAGAAGCTACTTTGAGCTCGTCTTGATTACCAATGTAGCTGGA
GCTGGATCCATTCAATCTGTGTCCATTAAAGGCTCAAAAACAGGCTGGCTGGCAA
TGTCAGAAGAACTGGGGGGCTAATTGGCAATCTAATGCTTATCTCAATGGCCAATC
TTTGTCTTTAAGGTCACAACACTACTGATGGACAGACTCGATTCTTTACAGACATTG
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Nucleotide

>PdEXPA-05

TATCAGCAATCCTCACCTCCATTCTCTTATCATTGTTTCTGCAGTATCTATCTTTT
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ACATTTTATGGAGGCAGTGATGCCTCAGGAAGCTATGGGTATGTAATGTAACACTACA
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