

IDENTIFICATION

Species: *Populus deltoides*

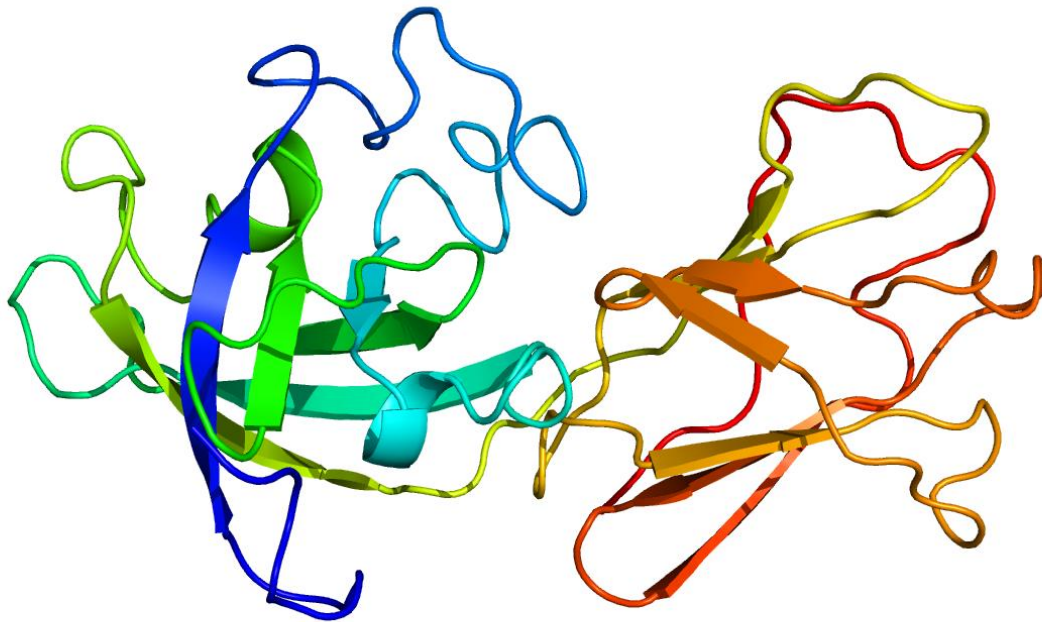
Locus: Podel.04G087000

Gene Model: Podel.04G087000.1.p

Description: PdEXPA-07

Family: Alpha Expansin

3D structure:



GENOME DATABASES

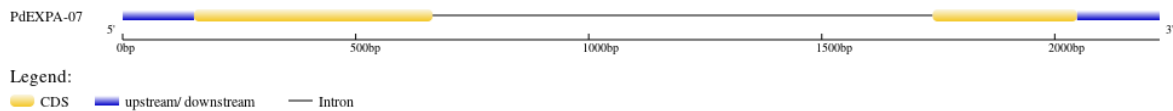
Phytozome: https://phytozome-next.jgi.doe.gov/info/PdeltoidesWV94_v2_1

KEGG:-

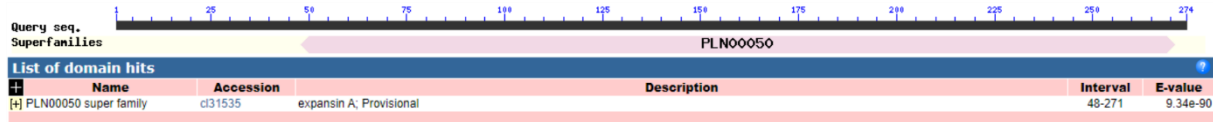
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PdEXPA-07

MPPPLLQNPIHTLLKPLLFLLFIFPTTTTSLTSSTTTPPPLSTTLSQWQSARATYYAASDP
RDTVGGACGYGDLVKAGYGMATVGLSESMFERGQICGACFELKCVDDLRCIPGTS
IIVSVTNFCAPNYGFTSDGGGKCNPPNKHVLPVIEAFEKIAIWKAANMPVQYRRIKCR
KEGGIRFNISGSGIFLSVLISNVAGAGDVTAVKIKGSRTGWLDMGRNWGQNWVNA
NLQNQALSFEVTSSDRMTVISYNVAPKDWRFGQAFEGKQFET*

CDS (coding sequence)

>PdEXPA-07

ATGCCACCACCATTACTCCAAAACCCCATTCACACTCTCCTAAAACCCCTCCTCTT
CCTCCTCTTCATCTTCCCACCACCACCACCTCCCTCACTTCTTCCACCACCACAC
CACCACCTCTCTCCACCACCCTATCCCAATGGCAATCCGCACGCGCTACTTACTAC
GCAGCATCCGATCCCCGGGACACAGTAGGAGGTGCGTGTGGATATGGGGACTTA
GTTAAAGCAGGATATGGAATGGCAACCGTGGGATTGAGTGAATCAATGTTTGAA
CGTGGACAGATCTGTGGCGCGTGTTTTGAAGTGTGTTGATGATCTGAGGT
GGTGTATTCTGGGACTTCCATTATTGTTTCTGTCACTAATTTTTGTGCTCCAAATT
ATGGGTTCACTTCTGATGGTGGTGGAAAATGTAATCCTCCTAATAAGCATTTTGTG
CTGCCTATTGAAGCTTTTGAAGATTGCCATTTGGAAGGCTGCTAATATGCCTGT
TCAGTATAGAAGGATTAATGCAGAAAGGAAGGAGGGATTCGGTTTAATATCTCT
GGGTCCGGTATTTTCTTTCCGGTGTGATCAGCAATGTTGCAGGTGCTGGAGATGT
CACTGCAGTGAAGATTAAGGTTCAAGAACAGGCTGGCTTGATATGGGCAGGAA
TTGGGGCCAGAAGTGGCATGTTAATGCTAATTTACAGAATCAAGCTCTCTCATT
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Nucleotide

>PdEXPA-07

GCTCGTCAGCACAGGAAAAGCAGCGAAAGGAAACTATAGCAGTAAAGCAAGCTT
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