

## IDENTIFICATION

**Species:** *Populus deltoides*

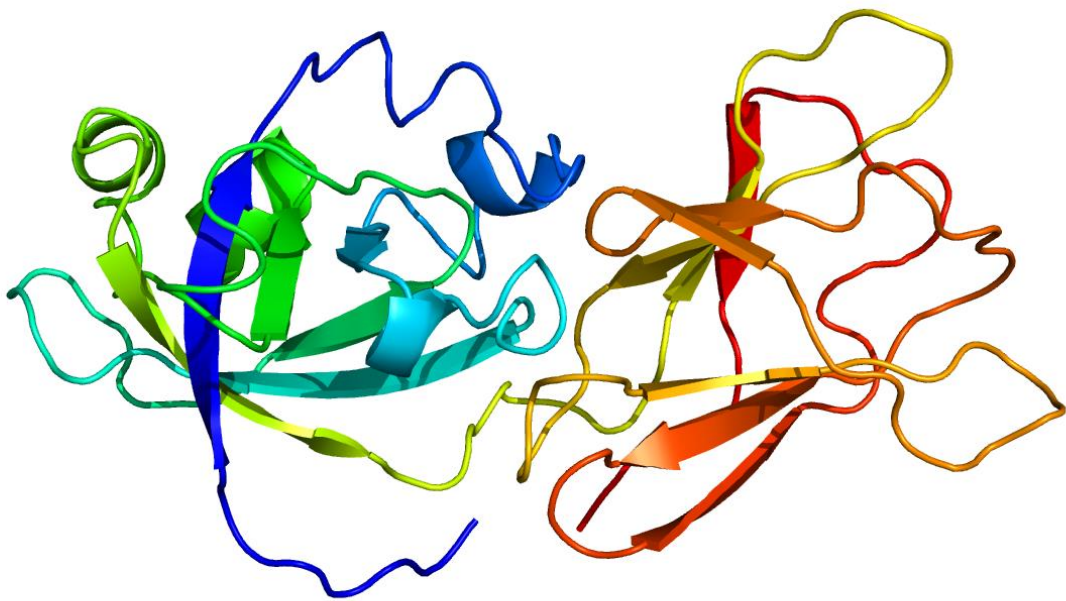
**Locus:** Podel.13G143600

**Gene Model:** Podel.13G143600.1.p

**Description:** PdEXPB-01

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

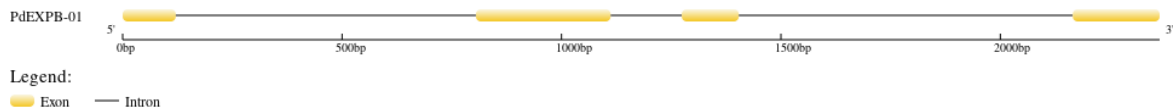
Phytozome: [https://phytozome-next.jgi.doe.gov/info/PdeltoidesWV94\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/PdeltoidesWV94_v2_1)

KEGG:-

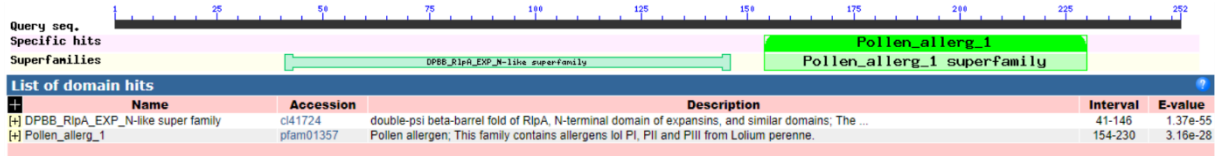
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>PdEXPB-01

MQLLGLHVVVLLKCFLLVVFQQYHTHDGLTYTGNRPLPPGGACGYGSLVDVKPLR  
ARVGA VSPILFKNGEGCGACYKVRCLDKSICSERAVTIIVTDECPGGYCSNGNTHFDL  
SGAAFGHMAISGENGQLRNRGEIPVIYRRTPCKYPGKNIAFHVNEGSTDYWLSLLVEF  
EDGDGDVGS MHIREAGGTEWLEMNHLWGANWCVIRGPLKGPLSVKLTTLSTGRTL  
ARDVIPRNWV PKATYTSRLNFFH\*

### CDS (coding sequence)

>PdEXPB-01

ATGCAGCTCTTGGGGTTACATGTTGTGGTACTCTTGAAGTGTTTTTTAGTAGTTTT  
TGGACAGCAATATCATACTCACCATGATGGGCTGACTTACACTGGAAACCGGCCA  
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GAGCCAGAGTTGGTGCAGTGAGCCCCATACTCTTCAAGAATGGAGAAGGATGTG  
GGGCATGTTACAAAGTTAGGTGCCTAGACAAGAGCATATGCTCAGAAAGGGCAG  
TGACCATAATTGTTACAGATGAGTGTCCAGGTGGGTATTGTTCAAATGGTAACAC  
CCACTTTGACCTCAGTGGTGCAGCCTTTGGTCATATGGCTATTTCTGGTGAGAATG  
GTCAGCTCAGGAACCGAGGTGAAATCCCAGTCATATATCGCAGGACCCCATGCA  
AGTACCCTGGGAAGAACATTGCCTTCCATGTCAATGAAGGTTCAACAGATTATTG  
GCTATCCCTTCTAGTGAATTTGAAGATGGCGATGGTGTGTTGGATCCATGCAT  
ATCAGAGAAGCGGGTGGCACTGAGTGGCTAGAGATGAATCACCTGTGGGGTGCA  
AATTGGTGTGTTATTAGGGGACCCTTGAAAGGACCATTATCAGTGAAGTTAACAA  
CACTATCAACAGGAAGAACAACACTGTCTGCAAGAGATGTGATTCCAAGAAATTGGG  
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### Nucleotide

>PdEXPB-01

ATGCAGCTCTTGGGGTTACATGTTGTGGTACTCTTGAAGTGTTTTTTAGTAGTTTT  
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