

## IDENTIFICATION

**Species:** *Spirodela polyrhiza*

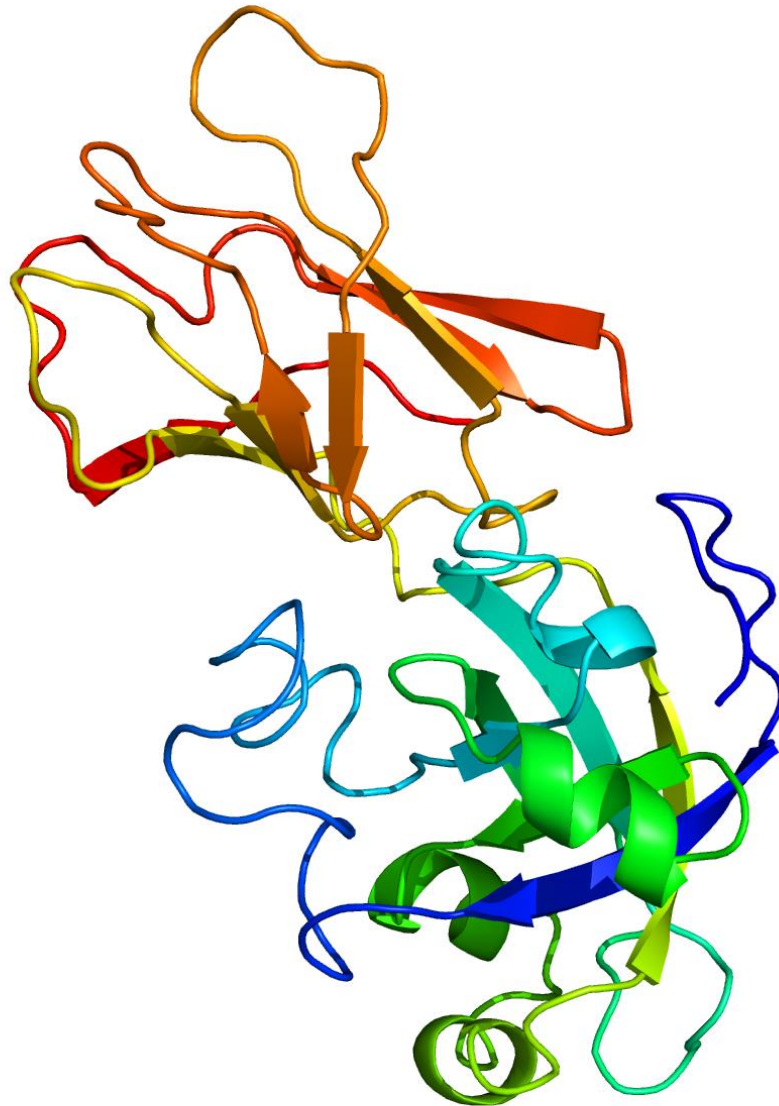
**Locus:** Spipo1G0037900

**Gene Model:** Spipo1G0037900

**Description:** SpEXPB-01

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

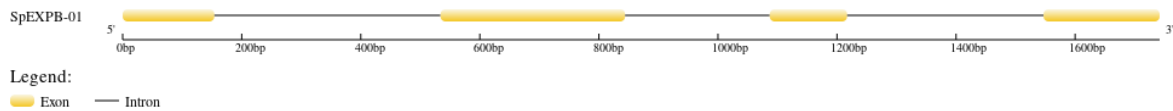
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Spolyrhiza\\_v2](https://phytozome-next.jgi.doe.gov/info/Spolyrhiza_v2)

KEGG:-

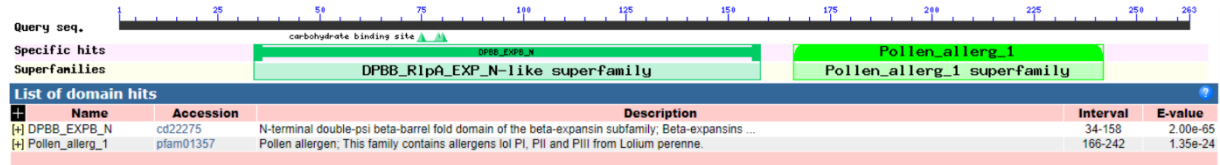
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SpEXPB-01

MPFPRPIGLSFGLILLFLLPLPGDCDNATSAQWAPATATWYGAAEGDGSDDGGACGY  
GSLVDVRPLRARVGA VSPVLFKDGEGCGACYKVRVMDQSICSRRPVTIIVTDECPG  
GYCANGNTHFDLSGA AFRMAIAGFSSELNRGMIPVLYRRTPKYRGKNIAFRVNE  
GSTYWL SLLVEFEDGDGDV GSMHIQEAGSAEWLEMKHLWGANWAIIGGPLSGPFS  
VKLTTLSTQMTLSARDVIPKNWSPKATYTSGLNFA\*

### CDS (coding sequence)

>SpEXPB-01

ATGCCGTTCCCACGGCCATTGGCCTCTCGTTCGGCCTCATTCTTCTCTTATTCTTG  
CTGCCACTCCCCGGCGACTGCGACAACGCCACCAGCGCACAATGGGCACCCGCC  
ACCGCGACTTGGTACGGCGCCGCCGAGGGCGACGGCAGCGACGGGGGGGCTTGC  
GGGTATGGGTTCGCTGGTTCGACGTGCGGCCGCTGCGGGCGAGGGTGGGGGCGGTG  
AGCCCGGTGCTGTTCAAGGACGGCGAAGGATGTGGCGCGTGCTACAAGGTGAGG  
TGCGTCATGGACCAGAGCATCTGCTCCCGACGGCCGGTGACCATCATCGTCACCG  
ACGAGTGCCCCGGTGGGTACTGCGCCAACGGCAACACCCACTTCGACCTCAGCGG  
GGCGGCCTTCGGCCGCATGGCCATCGCCGGCTTTAGCTCCGAGCTTCGCAACCGC  
GGGATGATCCCCGTCCTCTACCGCAGGACTCCATGCAAGTACAGGGGCAAGAAT  
ATAGCTTTCGCGTGAACGAGGGTCCACTGAGTACTGGCTCTCCCTTCTCGTCGA  
GTTTGAGGACGGAGATGGAGACGTCGGATCCATGCACATACAAGAAGCGGGCTC  
GGCCGAGTGGCTGGAGATGAAGCACCTCTGGGGCGCCA ACTGGGCCATCATCGG  
CGGACCCCTGAGCGGCCCTTCTCCGTGAAGCTGACCACCTTGTCCACGCAGATG  
ACTCTGTGCGCGCGTGATGTCATCCCCAAGAACTGGTCTCCAAGGCCACCTACA  
CCAGCGGCCTCAACTTCGCCTGA

### Nucleotide

>SpEXPB-01

ATGCCGTTCCCACGGCCATTGGCCTCTCGTTCGGCCTCATTCTTCTCTTATTCTTG  
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ACCGCGACTTGGTACGGCGCCGCCGAGGGCGACGGCAGCGACGGTAAGGGCCTC

GCCTCCGGCTCCCCCGCCGCTGCTTCTGCTTCTGCTTCTGCCGTCATCCGTAACC  
CCTCGGGCAGCCTTCTCTGTGAACAGTGTTCCTTGCTTCCGCTTCTTCTACTCCA  
CATGGGATGTAGCTTTTTTAGCCGTTGGAAGGGGCCACACTGGGATGCTACAGAA  
CACATTGACCGATAATTTCCCTACGGGGGGGGGGGGGGCCGTCCTTTCCATGC  
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CCGTCCTCTACCGCAGGTGCGCGCTCTGCCATCTTCTGACGGAGCTTCCGTGCTCT  
CCTTTTGTATCTTGTTCCCTTCTCCACTGAGTAAAACGAAGCAGTAACTCCAATTT  
AGTATCAACCGTAGACCAGAAAGAGGGAGACGAGGCCCCATTCACTCCTAACGC  
CGGCGACCTCCTCCTCATTAATGTGACCTGCCGCGCCTGAAGAGACCATTTTTATA  
CCGCCGTGAAAGCTAACCAACCGGACCTAATATGCAGGACTCCATGCAAGTACA  
GGGGCAAGAATATAGCTTTCCGCGTGAACGAGGGCTCCACTGAGTACTGGCTCTC  
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GCAGATGACTCTGTGCGCGCGTGATGTCATCCCCAAGA ACTGGTCTCCAAGGCC  
ACCTACACCAGCGGCCTCAACTTCGCCTGA