

IDENTIFICATION

Species: *Spirodela polyrhiza*

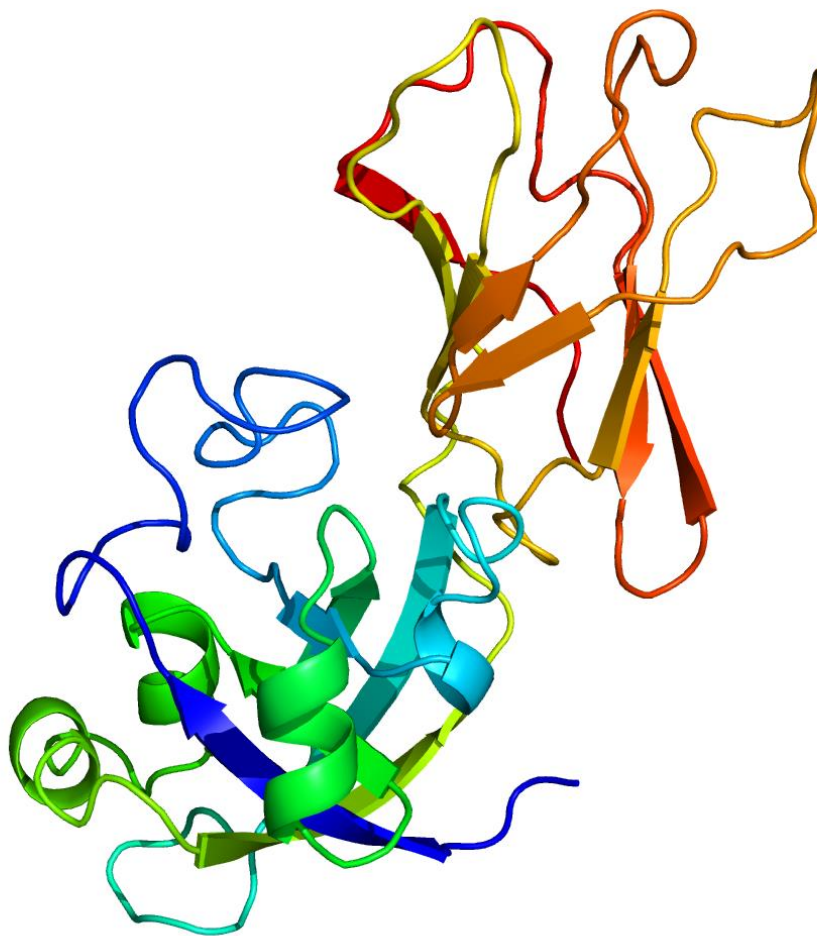
Locus: Spipo11G0034700

Gene Model: Spipo11G0034700

Description: SpEXPB-03

Family: Beta Expansin

3D structure:



GENOME DATABASES

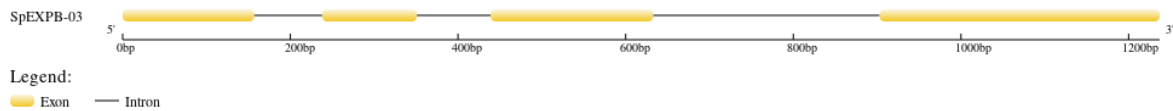
Phytozome: https://phytozome-next.jgi.doe.gov/info/Spolyrhiza_v2

KEGG:-

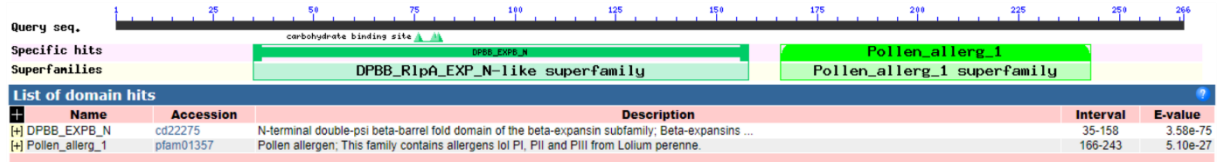
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SpEXPB-03

FALAALLLSFNGVSAHSVKRRLASLNASAVSGGWSPAGATWYGSPNGFGSDGGAC
GYGKAVGQPPISSMIAAGGPSLFQSGKGCACGYQVKCIGHSACSGNPVTVVITDQCP
GGPCLAESVHFDLSGAAFGAMARPGQADQLRSAGRLAVQFMRAACNYPGTNVAFR
VDAGSNSNYLAVLIEFEDGDGDL SAVDFRQAPDSGPWIPMQQSWGAVWKINYGSPL
KAPFSFRLTSLASKSLVVPDVIPAGWQP GATYRSRVNFRG*

CDS (coding sequence)

>SpEXPB-03

TTTGCTCTCGCGGCCCTCCTCTTAAGCTTCAACGGTGTCTCTGCTCACAGCGTCAA
ACGCAGGCTCTTGGCTTCTCTCAATGCTTCTGCCGTCTCCGGCGGCTGGTCGCCGG
CCGGAGCCACGTGGTACGGTAGCCCTAACGGCTTTGGAAGCGACGGTGGTGCCCTG
TGTTATGGCAAAGCCGTCGGGCAGCCTCCCATTTCGTCCATGATCGCCGCCGGA
GGACCTCCCTCTTCCAGTCAGGCAAGGGCTGCGGAGCCTGTTATCAGGTCAAGT
GCATTGGGCACAGCGCTTGCTCCGGCAACCCGGTGACCGTGGTGATCACCGACCA
GTGCCCCGGCGGTCCGTGCCTGGCTGAGAGTGTGCACTTCGACTTGAGTGGCGCC
GCTTTTGAGCCATGGCGCGCCCCGGCCAGGCTGACCAACTGCGGAGCGCCGGA
AGACTGGCTGTGCAGTTTATGCGTGCTGCGTGTAATTACCCGGGGACGAACGTCCG
CCTTCAGGGTCGACGCCGATCCAATTCAAACACTTGGCTGTGCTCATAGAGTT
CGAGGACGGCGACGGCGATCTCTCCGCCGTCGACTTCGGTCAGGCGCCGGACTCC
GGCCCGTGATTCCCATGCAACAGTCATGGGGTGCCGTGTGGAAGATCAATTACG
GTTCGCCGCTGAAGGCGCCGTTCTCCTTCCGCTGACTTCTCTCGCGTCCAAGAAG
TCGCTAGTAGTCCCAGATGTTATCCCAGCAGGCTGGCAGCCTGGAGCTACGTACA
GGTCCCGCGTGAACCTTCAGGGGTAA

Nucleotide

>SpEXPB-03

TTTGCTCTCGCGGCCCTCCTCTTAAGCTTCAACGGTGTCTCTGCTCACAGCGTCAA
ACGCAGGCTCTTGGCTTCTCTCAATGCTTCTGCCGTCTCCGGCGGCTGGTCGCCGG
CCGGAGCCACGTGGTACGGTAGCCCTAACGGCTTTGGAAGCGACGGTAAAATCC

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TCGATATCCTAAGCAGGTGGTGCCTGTGGTTATGGCAAAGCCGTCGGGCAGCCTC
CCATTTTCGTCCATGATCGCCGCCGGAGGACCCTCCCTCTTCCAGTCAGGCAAGGG
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TCTTTCTTCGAAACCCAATGAGCAACCGAGCTTTGAGTTCCATGAGTGGCAGGTC
AAGTGCATTGGGCACAGCGCTTGCTCCGGCAACCCGGTGACCGTGGTGATCACCG
ACCAGTGCCCCGGCGGTCCGTGCCTGGCTGAGAGTGTGCACTTCGACTTGAGTGG
CGCCGCTTTTGGAGCCATGGCGCGCCCCGGCCAGGCTGACCAACTGCGGAGCGCC
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TTCCATATTTTTTTAACATTTATTTTTAAATGTCTGTTTCTTAATGATATGTTAA
TTGTCTTCATTTTAGTAAGATTGATCATTCTACCCACGAAGTTAAACTTTTTTTGA
CCGCTATCGTGTGCAGTGCTGCGTGTAATTACCCGGGGACGAACGTCGCCTTCAG
GGTCGACGCCGGATCCAATTCAAACACTTGGCTGTGCTCATAGAGTTCGAGGAC
GGCGACGGCGATCTCTCCGCCGTCGACTTCCGTCAGGCGCCGGACTCCGGCCCCGT
GGATTCCCATGCAACAGTCATGGGGTGCCGTGTGGAAGATCAATTACGGTTCGCC
GCTGAAGGCGCCGTTCTCCTTCCGCCTGACTTCTCTCGCGTCCAAGAAGTCGCTAG
TAGTCCCAGATGTTATCCAGCAGGCTGGCAGCCTGGAGCTACGTACAGGTCCCG
CGTGAACTTCAGGGGTAA