

IDENTIFICATION

Species: *Spirodela polyrhiza*

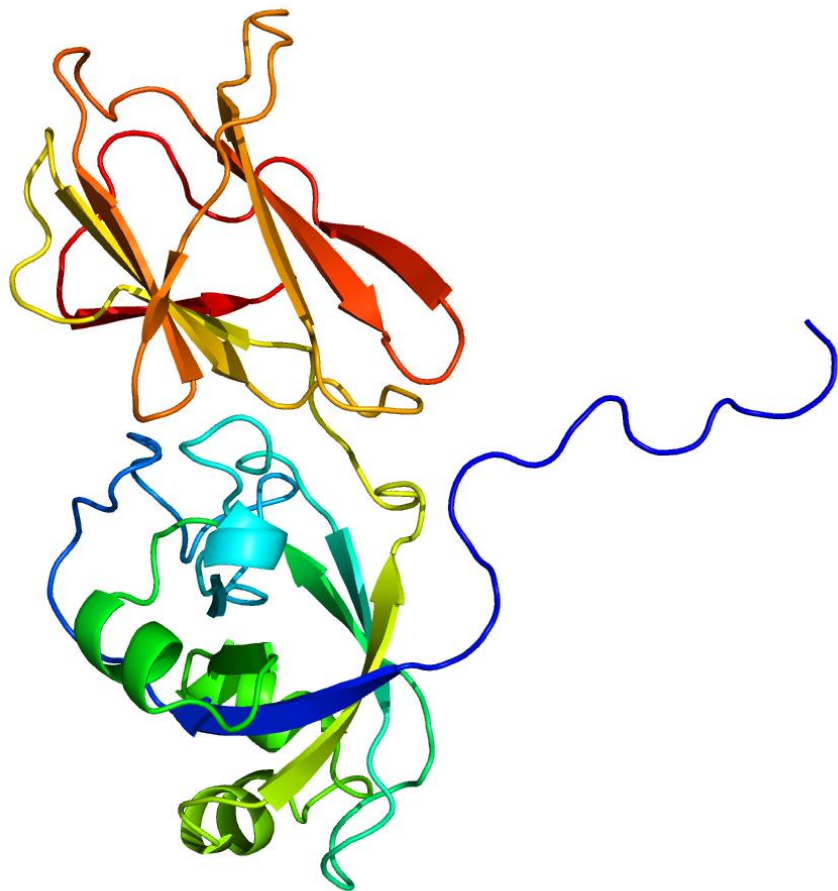
Locus: Spipo11G0034600

Gene Model: Spipo11G0034600

Description: SpEXPB-02

Family: Beta Expansin

3D structure:



GENOME DATABASES

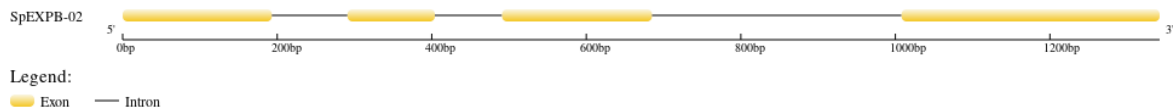
Phytozome: https://phytozome-next.jgi.doe.gov/info/Spolyrhiza_v2

KEGG:-

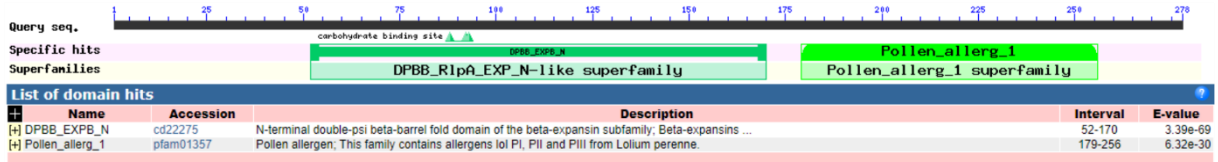
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SpEXPB-02

MAAVFSLHLWLRCFFFLFVLPLSSNSHSCFAHSFNRRLLSSSNASAIAGVWSPAKAT
WYGSPNGGACGYGKRVEQPPFSSMIAAGGPSLFESGKACGSCYLVKCTGNRACSGD
PVTVVITDECPGGPCLAESAHFDMSGTAFGAMALPGQSDQLRGAGVLAVQFMRSEC
NYPGQNVVFQVDAGSNPNYLA VLIEYEDGDGDLSSVHLGQSPDSSSWLPMQSWGA
VWKINSGSALRAPFSFRLTSLTSGKTLVATDVIPVGWQPGETYRSLVNFS*

CDS (coding sequence)

>SpEXPB-02

ATGGCGGCAGTCTTTTCTCTTCTTCACCTTTGGCTCCGCTGTTTCTTCTTCCTCTTC
GTACTTCCCCTATCCTCCAACCTCCCATAGCTGCTTCGCTCACAGCTTCAATCGTAG
GCTCTTGTCATCTTCCAATGCCTCGGCCATCGCCGGTGTCTGGTCGCCGGCCAAGG
CCACCTGGTACGGGAGTCCAAACGGTGGAGCCTGTGGATACGGCAAACGCGTGG
AGCAACCTCCCTTCTCGTCCATGATCGCGGCCGGAGGACCCTCACTTTTCGAGTCC
GGCAAGGCGTGCGGTTCTTGTTATCTGGTCAAATGCACTGGGAACAGAGCTTGCT
CCGGCGACCCGGTGACGGTGGTGATCACCGACGAGTGCCCTGGAGGACCGTGCC
TCGCGGAATCCGCGCACTTCGACATGAGCGGTACCGCGTTTGGAGCCATGGCCCT
GCCTGGGCAGTCCGACCAGTTGCGCGGGCGCCGGCGTGCTGGCCGTTTCAGTTCATG
CGTTCAGAATGCAACTATCCGGGGCAGAACGTCGTCTTCCAGGTTGACGCTGGTT
CCAACCCCAACTACCTGGCGGTGCTCATCGAGTACGAGGACGGCGACGGCGATCT
CTCGTCTGTTACCTCGGTTCAGTCGCCGACTCCAGTTCGTGGCTTCCCATGCAAC
AGTCATGGGGTGCCGTGTGGAAAATCAATTCGGGTTTCGGCCTTACGGGCACCGTT
CTCCTTCCGGCTGACCTCGCTCACGTCCGGCAAGACGCTCGTCGCCACCGACGTG
ATCCGGTTCGGGTGGCAGCCAGGAGAGACGTACAGGTCCTTGGTGAACCTCAGCA
GTTGA

Nucleotide

>SpEXPB-02

ATGGCGGCAGTCTTTTCTCTTCTTCACCTTTGGCTCCGCTGTTTCTTCTTCCTCTTC
GTACTTCCCCTATCCTCCAACCTCCCATAGCTGCTTCGCTCACAGCTTCAATCGTAG

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CCACCTGGTACGGGAGTCCAAACGGTGCCGGGAGCGACGGTCATATCTCTTCATC
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TCCCATAACAGGTGGAGCCTGTGGATAACGGCAAACGCGTGGAGCAACCTCCCTTC
TCGTCCATGATCGCGGCCGGAGGACCCTCACTTTTCGAGTCCGGCAAGGCGTGCG
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TTGAGATGAGATTAAGGACCATTCTTTGAATTCGATGGGCGGCAGGTCAAATGCA
CTGGGAACAGAGCTTGCTCCGGCGACCCGGTGACGGTGGTGATCACCGACGAGT
GCCCTGGAGGACCGTGCCTCGCGGAATCCGCGCACTTCGACATGAGCGGTACCGC
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GTTGGAAATAGTACAGCAAAAACATAATTTGGTAAATATTCCAAATTTCATAAAC
CGGTATGTGCGGCAGATTACTTTTCGTCTGTATTATTCCATGCCACCAAAGCCTTT
GTGAACGATGAAATTGAAACGATGAAAGAATTCTGTACATCACAAAAAGTGTT
ATATTCTGTTGATTAGCCTTTAATTTATTATTATTACTATGGTATAATGCTAAA
AGGCCATTTCTATTAGGCTAGAAGGCCTTACTCTCGTGATGGTTCTTCACTCTCAA
TATCTGCAGTTCAGAATGCAACTATCCGGGGCAGAACGTCGTCTTCCAGGTTGAC
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GCGATCTCTCGTCTGTTACCTCGGTGAGTCGCCGGACTCCAGTTCGTGGCTTCCC
ATGCAACAGTCATGGGGTGCCGTGTGGAAAATCAATTCGGGTTCCGGCCTTACGGG
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