

IDENTIFICATION

Species: *Sphagnum fallax*

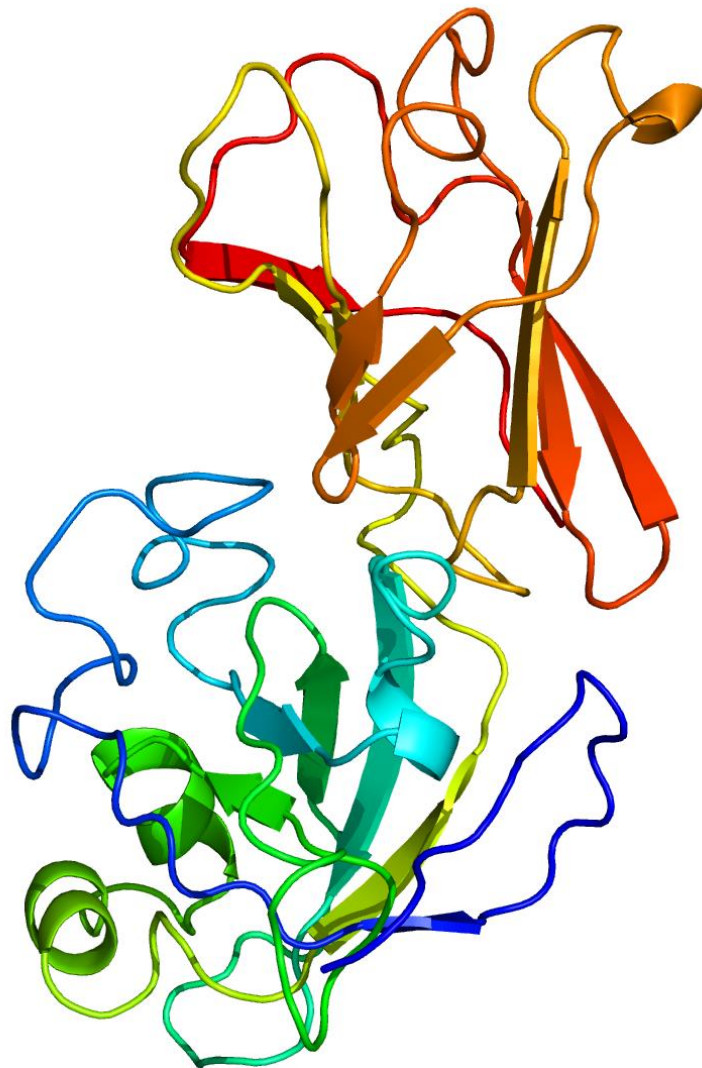
Locus: Sphfalx0046s0088

Gene Model: Sphfalx0046s0088.1.p

Description: SfEXPB-02

Family: Beta Expansin

3D structure:



GENOME DATABASES

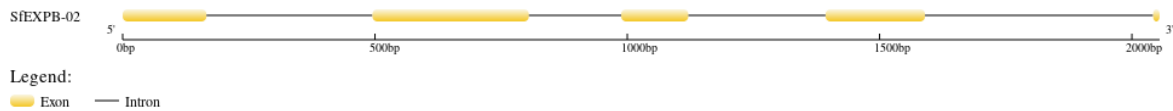
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sfallax_v0_5

KEGG:-

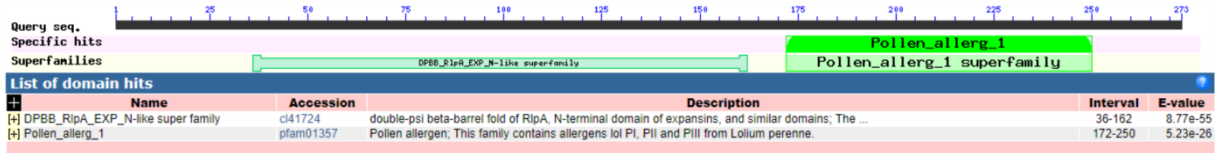
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SfEXPB-02

MAAFFRELLLVLALLVCIFADRLPLYSCQSSNDTQWQSATNGATWYGAPDGDGSDA
GACGYGTLSSSPYGSSITAVNAPLFQDGAGCGVCYEIQCTNSGLCKSTPTTVVVDLC
PGGAWCDGSNPHFDLSGTAFSNLA VPGQEEALRTVGVLDPLLYKRVPCSYAGTTIS
FTVDPGSNSFWLALVIKYVGGPGDIQAVQIQQAGDNSGWQSMTHNNGANWWMFQST
TGGPIQGPLSIRLAAKLDGQVTVAENFIPAGYSNGATYSSSVHSRY*

CDS (coding sequence)

>SfEXPB-02

ATGGCTGCATTCTTTCGTGAACTGTTGCTAGTGTGGCGTTGCTAGTGTGCATATT
TGCCGACCGTCTGCCTTTGTATTCATGCCAAAGCAGCAACGATACGCAGTGGCAG
TCAGCCACTAACGGTGCAACTTGGTACGGAGCACCGGATGGAGATGGCTCTGATG
CGGGTGCCTGTGGGTATGGAACCTTTCCAGTTCGCCCTACGGAAGCAGCATCAC
CGCTGTGAATGCGCCTCTTTTCCAAGATGGAGCAGGCTGCGGAGTCTGTTACGAA
ATCCAGTGTACCAACAGCGGCCTGTGTAAGTCGACCCACCCTGTGGTTGTCA
CGGACCTGTGCCCTGGAGGTGCGTGGTGTGATGGCAGCAATCCCACTTCGATCT
CAGTGGCACCGCTTTCAGCAATTTGGCGGTTCTGGCCAGGAGGAGGCTCTCCGC
ACAGTCGGTGTTCGATCCTCTTTTATAAAGAGGGTTCGGTGTCTTACCCGGC
GGGAACCACGATTTCTTTACTGTGGATCCGGGGTCCAACCTTTCTGGCTAGCAC
TCGTTATCAAGTACGTGGGAGGCCCGGGAGACATTCAAGCCGTGCAAATCCAGC
AGGCTGGCGACAACCTCTGGGTGGCAATCCATGACGCACAACCTGGGGTGCTAACT
GGATGTTTCAGTCCACCACCGGAGGTCCAATTCAAGGGCCTCTTTCCATTCGTTTG
GCGGCTAAGCTGGATGGTCAAGTTACAGTTGCGGAGAATTCATACCCGCCGGGT
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Nucleotide

>SfEXPB-02

ATGGCTGCATTCTTTCGTGAACTGTTGCTAGTGTGGCGTTGCTAGTGTGCATATT
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GTAAAATATAGAATTGGTCCATGCACCTTCATCCAGCTGGTTCGTGGTTATAAAC

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