

IDENTIFICATION

Species: *Sphagnum fallax*

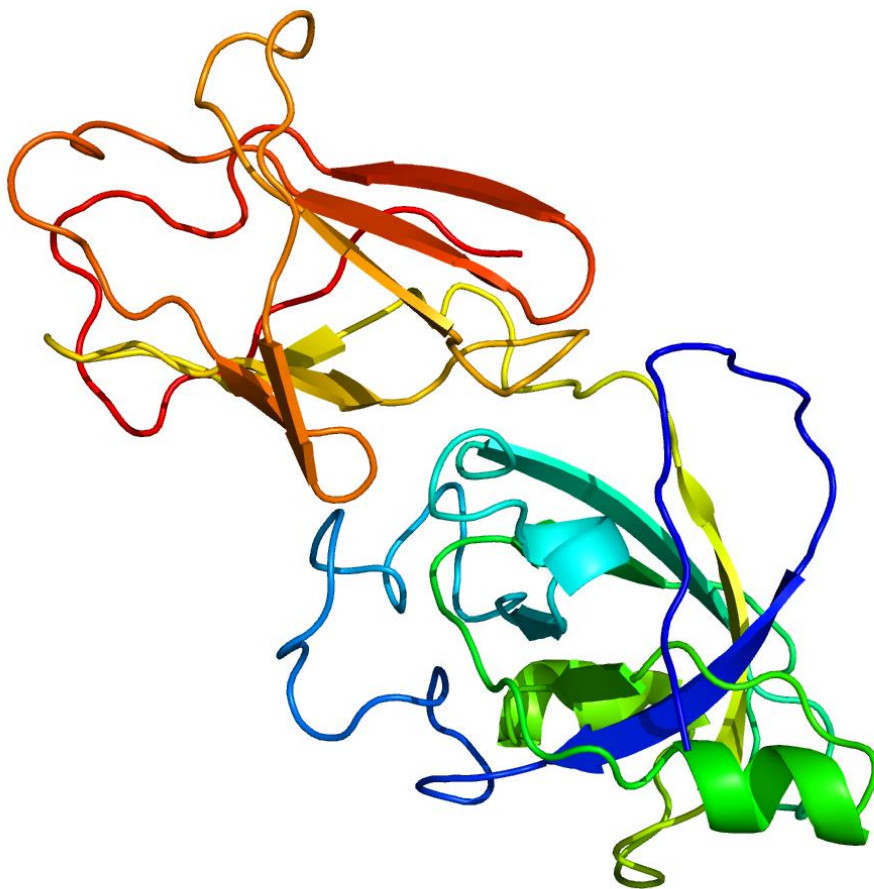
Locus: Sphfalx0012s0046

Gene Model: Sphfalx0012s0046.1.p

Description: SfEXPA-12

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

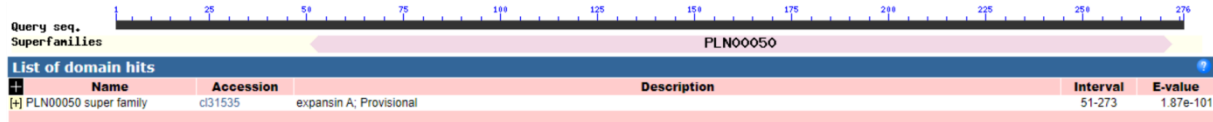
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SfEXPA-12

MMAGPSCSSYCCSLQSAAMPRLHYLQLLVVAALVIGFVNFVPPVVHCGGYTGSSWGS
AHATFYGGADASGTQGGACGYGNTYSTGYGVNTAALSSALFNSGLSCGACFQLVCV
DSQWCLQNPAGITVTATNYCPDGSNGGWCPNPLQHFDLAEPMFLQFAQQLGGVVPV
SYRRVPCVKTGGIRFSINGNPYFMLVLITNVAGAGDVQQVSVKGTNTGWYAMSRNW
GQNWEYSGNLDSQALSFSVTTSDGQTVVSNVAPAYWQLGSTYEGNQFPV*

CDS (coding sequence)

>SfEXPA-12

ATGATGGCTGGACCCAGCTGCAGTAGCTACTGCTGCTCACTTCAGTCTGCAGCAA
TGCCGCGCTTGCATTACTTGCAGCTGCTAGTGGTGGCTGCACTTGTAATTGGGTTT
GTGAATTCGTTCTGTGGTTCCTGCTGCGGTGGGTACACAGGAAGTAGTTGGGGCT
CCGCTCATGCGACTTCTATGGTGGTGGCTGATGCTTCTGGCACACAAGGTGGAGC
TTGTGGGTATGGCAATACGTACAGTACGGGCTATGGAGTGAACACTGCTGCTCTC
AGCTCCGCTCTCTCAACTCCGGTCTCAGCTGTGGAGCTTGCTTCCAGCTGGTGTG
TGTGGACTCACAGTGGTGGCTTGCAAAATCCTGCAGGGATTACAGTCACAGCCACC
AACTACTGTCTGATGGTTCTAATGGCGGTGGTGAATCCTCCCCTTCAGCACTT
CGACCTTGGGAGCCATGTTCTTACAATTTGCACAACAGCTTGGAGGAGTCGTG
CCAGTGAGCTACAGAAGAGTACCTTGTGTGAAACTGGGGGCATTCGCTTCAGCA
TCAACGGGAATCCCTACTTCATGCTGGTGGCTCATCACC AATGTAGCAGGTGCTGG
CGACGTGCAGCAAGTCTCCGTGAAGGGAACCAACACGGGGTGGTACGCAATGAG
CAGGAAGTGGGGACAGAAGTGGGAGTACAGCGGCAATAACCTGGACTCACAGGC
ATTGTCTTTCAGTGTCACTAGCGATGGTCAGACTGTTGTCTCCAACGATGTTG
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A

Nucleotide

>SfEXPA-12

GGGAAGCTCAAGCTCCTCTGCAAGCAAAGCAAAGCAAACAAGCAAGCCATCGC
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CTCTCATCAGGAACTAATATCTATTCTCATGCAGCATGCTAATCATGATCTAGCA
AGCAAGTCTTGTTTCAGGGTGAATGTATGTCTAGCAGGTGTGTTTGCCTTCAGCTA
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