

IDENTIFICATION

Species: *Sphagnum fallax*

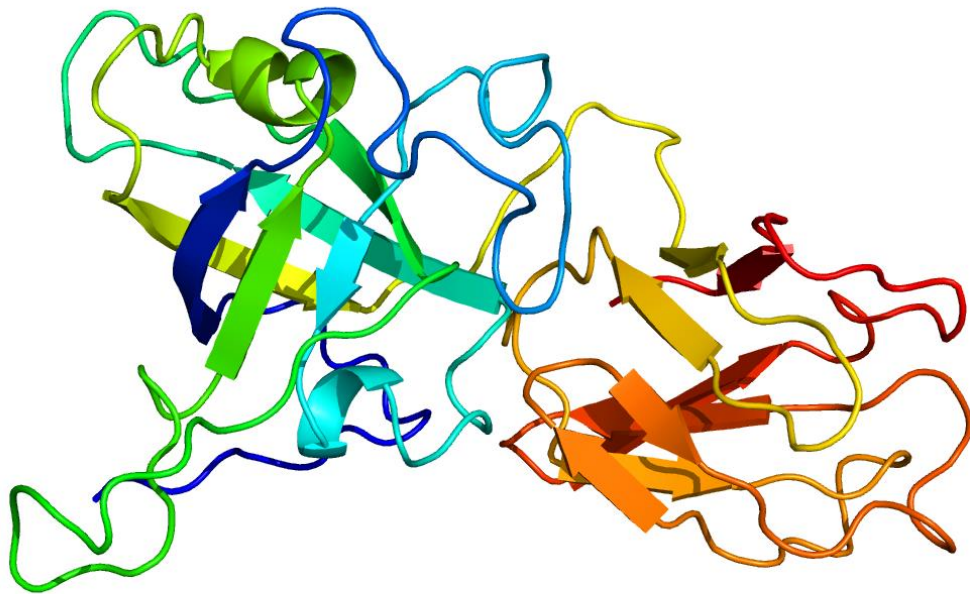
Locus: Sphfalx0009s0025

Gene Model: Sphfalx0009s0025.1.p

Description: SfEXPA-09

Family: Alpha Expansin

3D structure:



GENOME DATABASES

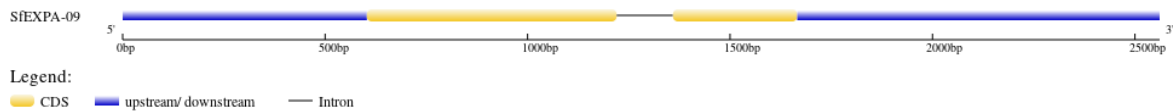
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sfallax_v0_5

KEGG:-

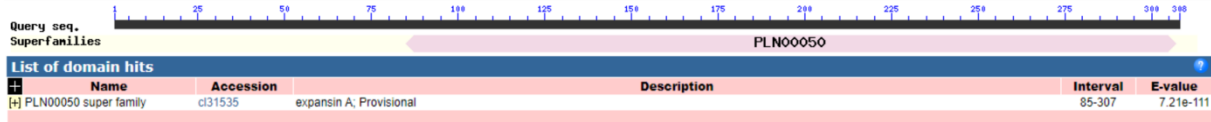
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SfEXPA-09

MTTTVAAAARLLLLVVVLGCALHSVQGHRHEPHAARSGAHAAHSAAAAHNNGG
GAPSGSSTPVAAGGGGSSSSSSSSSYVGEPFWSDAHATFYGGSDASGTEGGACGYGNL
YSQGYGTDTVLSSALFADGLSCGACFQIKCNEPRWCLPTVATVTATNFPCANPALP
NDNGGWCNPLQHFDMAQPAFQQIAVYQAGIVPVQYRRVACAKAGGVHFTINGNP
YFLLVLITNVGGAGDVHSVSCKGSRTGWYPMQRNWGQMWQYSGNAMDGQGLSFM
ITTS DGR TLVSQDVAPSNWQFGQTFEGAQF*

CDS (coding sequence)

>SfEXPA-09

ATGACAACGACGGTAGCAGCAGCTGCTCGGCTCTTGTTGTTGGTGGTAGTGCTGG
GATGTGCACTTCACTCAGTACAAGGACATCGACACGAGCCACATGCAGCGCGTA
GTGGCGCTCATGCCGCGGCTCATTAGCTGCGGCAGCAGCGCACAAATGGGGGCG
GGGCTCCTTCTGGTTCATCGACTCCTGTTCGAGCGGGAGGCGGAGGAAGTAGCAG
TAGTAGCTCTAGTAGTTACGTTGGGGAGCCGTTCTGGAGCGATGCACACGCGACG
TTCTACGGAGGGAGCGATGCGTCGGGCACAGAAGGAGGCGCTTGCGGATACGGA
AACCTCTACAGCCAAGGATACGGCACCGATAACCGTTGCTCTCAGTAGCGCGCTCT
TCGCTGACGGCCTCAGCTGCGGAGCTTGCTTCCAGATCAAATGTAACGAACCGAG
GTGGTGCCCTCCCGACCGTCGCAACCGTCACCGCCACCAACTTCTGCCCGGCCAAC
CCCGCGCTTCCCAATGACAACGGCGGCTGGTGTAACTTGCCTCTTCAGCATTTCG
ACATGGCTCAACCTGCGTTCCAGCAAATCGCCGTCTATCAGGCCGGCATTGTACC
TGTCCAGTACCGCAGAGTGGCATGTGCCAAGGCAGGAGGAGTGCATTTACCATC
AACGGCAACCCGTACTTCTCTTGGTGCTGATACCAACGTGGGTGGAGCGGGAG
ACGTGCACTCGGTGTCGTGCAAGGGGTCAAGAACCGGCTGGTACCCAATGCAGA
GGA ACTGGGGTCAGATGTGGCAATACAGCGGCAACGCCATGGACGGACAGGGCC
TTTCTTTTCATGATCACTACCAGCGACGGCAGGACGCTCGTCTCACAAGACGTTCG
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Nucleotide

>SfEXPA-09

CCCCCTTCGCAGAGCCCAGAGACCATCGCTCTGTTTCGCGCTTTCTCTCTCTCGCTT
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CATTGAGCTGCGGCAGCAGCGCACAATGGGGGCGGGGCTCCTTCTGGTTCATCGA
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CGGCACCGATACCGTTGCTCTCAGTAGCGCGCTCTTCGCTGACGGCCTCAGCTGC
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