

IDENTIFICATION

Species: *Sphagnum fallax*

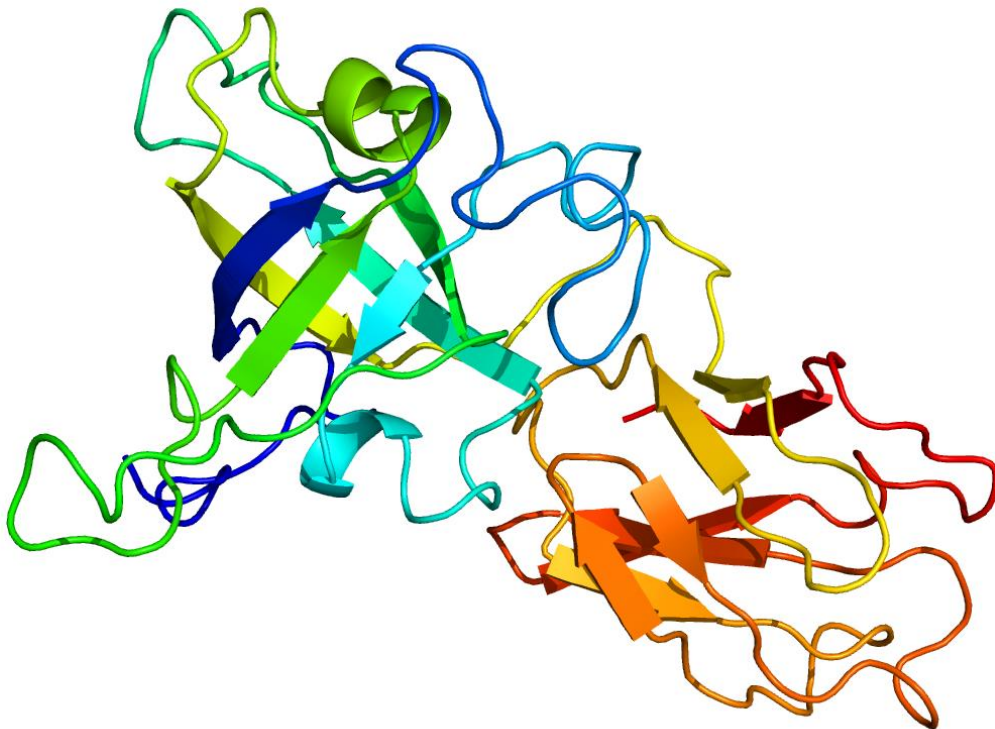
Locus: Sphfalx0172s0008

Gene Model: Sphfalx0172s0008.1.p

Description: SfEXPA-25

Family: Alpha Expansin

3D structure:



GENOME DATABASES

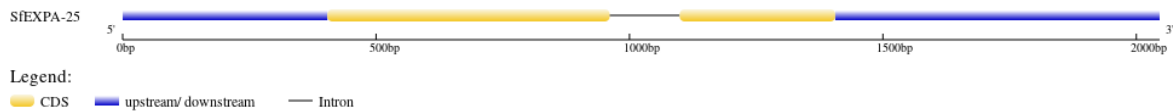
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sfallax_v0_5

KEGG:-

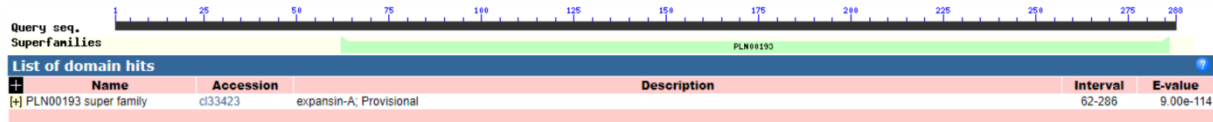
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SfEXPA-25

MAAAGNGYCWRAAAAVVVLVMLGCATHEALGDPHPTSAHFVRGDVSKVLPSSV
GSKYVGDAAWSNAHATFYGGSDASGTEGGACGYGNLYSAGYGTNTVALSSALFEN
GLSCGACYQIKCNEPRWCVPNAVVTVTATNFCPQNLALPNDNGGWCNLPLQHFDM
AVPAFQKIAIYQAGIVPVLYQRVACAKAGGVHFTINGNPYFLLVLVTNVGGAGDVHS
LSCKGKTGWYPMQRNWGQVWQYSGNAMDGQALSFMITSDGRTLVSQDVAPSS
WEFGQTFEGAQF*

CDS (coding sequence)

>SfEXPA-25

ATGGCGGCTGCAGGCAATGGGTA CTGCTGGAGGGCAGCAGCAGCTGTTGTAGTA
TTGGTGATGCTGGGCTGTGCAACGCATGAAGCGTTAGGAGATCCTCATCCTACGC
ATTCTGCTCATTTCGTTCTGTTGGGACGTGTCAAAGGTGCTTCCAGTTCAGTCGGT
AGCAAATATGTTGGAGATGCTGCATGGAGCAATGCGCATGCAACGTTCTATGGAG
GGAGTGACGCATCCGGGACCGAGGGAGGGGCGTGTGGGTACGGGAATCTCTACA
GTGCGGGCTATGGCACGAACACTGTCGCTTTGAGCAGTGCCTTTTCGAGAATGG
CCTCAGTTGCGGGCCTTGCTACCAGATCAAATGTAACGAGCCCAGGTGGTGTGTG
CCAAATGCAGTGGTCACGGTGACAGCGACCAACTTCTGTCCACAAAATCTGGCAC
TCCCCAACGACAATGGAGGATGGTGTAACTTGCTTCTCCAGCACTTCGACATGGC
TGTTCTGCGTTCCAGAAAATTGCTATCTATCAAGCTGGCATTGTGCCTGTGCTAT
ACCAGAGAGTGGCATGTGCGAAGGCGGGAGGCGTGCACCTTACCATCAATGGCA
ACCCCTACTTCTTCTTGGTGCTCGTCACCAATGTGGGCGGTGCAGGAGATGTGCA
CTCTCTCTCGTGCAAGGGGACGAAAACCGGCTGGTACCCAATGCAAAGGAACTG
GGGTCAAGTCTGGCAGTACAGCGGGAATGCCATGGATGGTCAGGCGCTTTCCTTC
ATGATCACA ACTAGCGACGGAAGGACTCTTGTCTCACAAGACGTTGCTCCTTCAA
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Nucleotide

>SfEXPA-25

GCCATTCCCTTGCATCTCTCTCTCTTTGAACTTCCCGCCGCCGCACCTTCTACAG
CTTCTCTCATTGTAGCAGCTGCCGCACACCCATCAAAGCTCTGCTTTCCTCAGAG
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CCTAATTTTCACCACAAGATCTCAGCACACTTTCTGGAAGTTTTGATCGTTGTTGC
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GAC