

IDENTIFICATION

Species: *Sphagnum fallax*

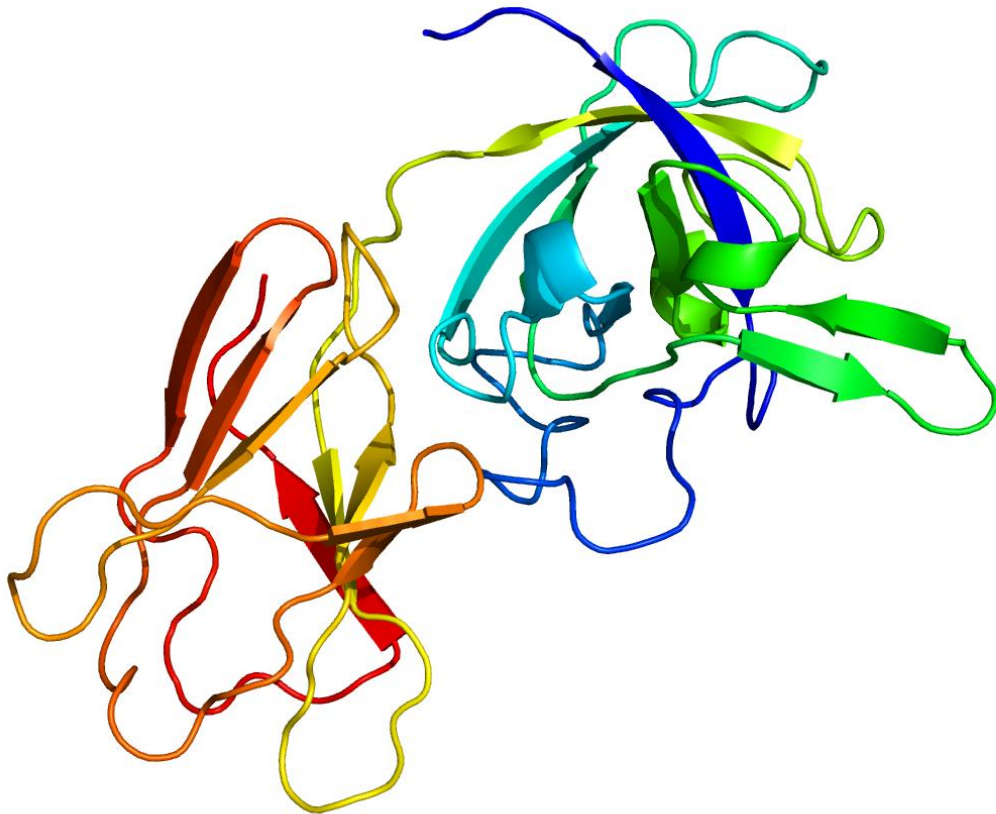
Locus: Sphfalx0005s0299

Gene Model: Sphfalx0005s0299.1.p

Description: SfEXPA-07

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

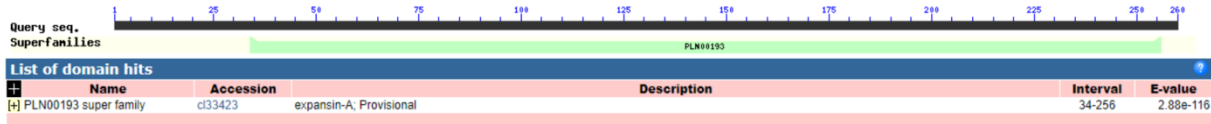
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SfEXPA-07

MAEAASILRIVFILALAWAYQVRAQGLYTG DATWSNAHATFYGGSDASGTQGGACG
YGNLYSQGYGTNTVALSTALFKDGLSCGACFQLKCNEPRWCVNGATLTVTATNFCP
PNLALPNDNGGWCMPLQHFDMAVPA YEQIAIYQAGIVPVLVYRRVACVKTGGVHFT
VNGNPYFLLVLVTNVGGAGDVHSVSCKGTNTGWYPMQRNWGQNWQFSGHAMDG
QALSFMITTSDGRTLLEDAAPSNWQFGQTFEGSQFAN*

CDS (coding sequence)

>SfEXPA-07

ATGGCGGAAGCAGCTTCCATCCTGAGAATAGTTTTTCATTCTGGCTCTGGCGTGGG
CCTATCAAGTACGCGCGCAGGGCCTGTACACCGGCGATGCAACTTGGAGCAACG
CGCATGCCACATTTTATGGAGGAAGCGATGCCTCCGGAACGCAAGGCGGTGCTTG
CGGTTACGGGAACCTGTACAGCCAGGGATACGGGACGAACACAGTAGCTCTGAG
CACTGCCCTCTTTAAGGACGGCTTGAGCTGCGGGGCATGCTTTCAGCTCAAGTGC
AACGAGCCTCGATGGTGTGTAATGGCGCAACTCTGACTGTGACAGCAACCAACT
TCTGTCCTCCGAACCTAGCCTTGCCGAATGACAACGGCGGCTGGTGCAACATGCC
TCTCCAGCACTTCGACATGGCGGTTCCCGCGTACGAGCAGATTGCAATCTACCAA
GCAGGAATCGTCCCCGTCCTGTACCGCAGAGTAGCGTGTGTGAAAACCGGAGGA
GTGCATTTACCGTCAATGGCAACCCCTACTTCCTTCTGGTACTGGTGACAAATGT
GGGAGGCGCGGGAGATGTGCATTCCGTCTCATGCAAGGGAACCAACTGGCTG
GTACCCGATGCAAAGAACTGGGGCCAGA ACTGGCAGTTCAGTGGCCATGCAAT
GGACGGCCAAGCGTTATCGTTCATGATCACC ACTAGCGACGGCAGAACTCTCCTC
TCAGAAGATGCTGCTCCGTCAA ACTGGCAATTCGGCCAAACTTTTGAAGGATCCC
AGTTCGCAAATTAG

Nucleotide

>SfEXPA-07

CAATCCCCTTCGCCATCTCTTTCTTTCCCGCTCCTCAACGTTCTCAGTCGCCGCCA
ACGCTCTTCTTCGCCTTCTCTCCTCCGCTCCTTGACGTCCCTCCGGCAGCGCCTGTT
CCCCTGTTGCTGCCTGGA ACTCTCCTCAGCTTGACGCGCTGCTGCCAGTGCTACG
CAATCCAAACAGCCGGTCTTCTCTCACTTCTGTAATGATTTTGA ACTTCACCAGTT
TCTGTCTGTCTGAATCATATGTGTCGTCTGTTTTCTTAGCTGTTGAATCTCTCTGCA

