

IDENTIFICATION

Species: *Sphagnum fallax*

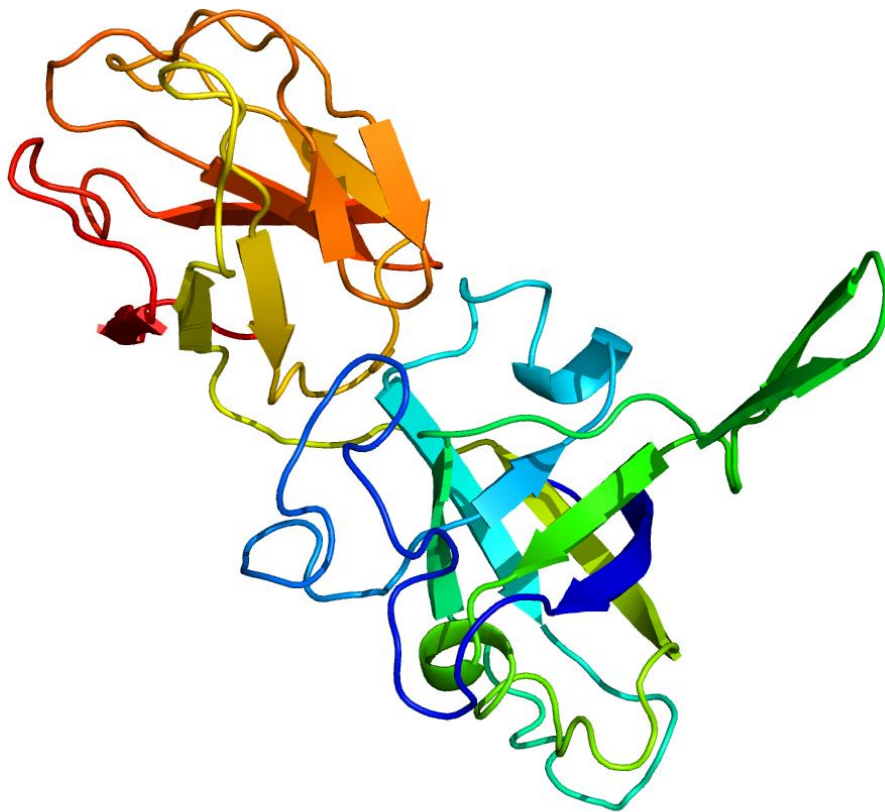
Locus: Sphfalx0056s0072

Gene Model: Sphfalx0056s0072.1.p

Description: SfEXPA-19

Family: Alpha Expansin

3D structure:



GENOME DATABASES

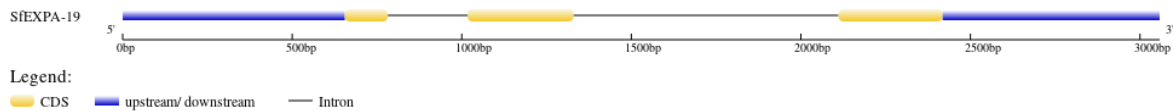
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sfallax_v0_5

KEGG:-

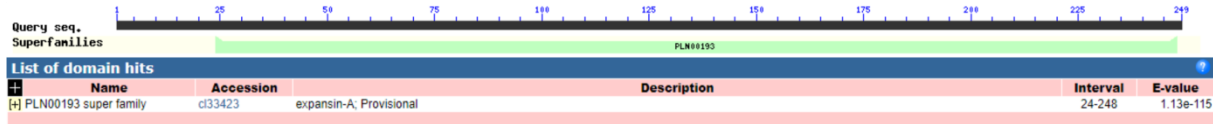
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SfEXPA-19

MAASRYATGILAVTLVAIVQQVHGWSTAHATFYGGSDAAGTQGGACGYGNLYNSG
YGTKTAALSTALFNQGLSCGACFEVMCQGSQWCLPGRSITVTATNFCPPNPSLSNDN
GGWCNWPLQHFDLAMPAYLQIAAYQAGIVPVSYQRVSCIKSGGIHFTINGHSYFNLV
LITNVGGSGDVQALSIKGSNTGWLPMsrNWGQNWQNNANLDGQSLFSMVTGDGR
TLTSMDVAPPYWGFGQTYTGTQYY*

CDS (coding sequence)

>SfEXPA-19

ATGGCGGCCAGTCGATACGCAACGGGCATTTTGGCCGTGACTTTGGTAGCCATTG
TGCAGCAGGTGCATGGCTGGAGCACGGCACATGCGACATTCTACGGAGGCAGCG
ACGCCGCAGGCACTCAAGGCGGTGCGTGTGGGTATGGAAACCTGTACAACTCAG
GATATGGGACCAAGACGGCGGCACTGAGCACGGCGCTCTTCAACCAAGGACTAT
CGTGTGGAGCTTGCTTCGAGGTCATGTGCCAAGGTAGTCAATGGTGCTTGCCGGG
TAGATCCATCACCGTAACAGCCACCAATTTCTGCCCCCGAATCCCAGTCTCTCCA
ACGACAATGGCGGCTGGTGCAACTGGCCGCTCCAGCACTTCGACTTGGCTATGCC
TGCTATTTACAAATTGCTGCATACCAGGCTGGGATTGTGCCTGTGAGTTATCAA
AGGGTTTCGTGCATCAAGTCTGGGGGGATTCACTTCACCATCAATGGACATTCAT
ACTTCAACTTGGTTCTCATCAAAACGTAGGCGGATCTGGAGATGTGCAGGCACT
TTCCATCAAGGGTTCCAACACGGGATGGCTACCCATGTCAAGGAACTGGGGTCAG
AACTGGCAAACAATGCCAACCTTGATGGTCAGAGCTTGTCTTTCATGGTCACCA
CTGGGGATGGTTCGAACTTTGACATCCATGGATGTAGCACCTCCATACTGGGGCTT
TGGCAAACATACACAGGAACCCAGTATTATTGA

Nucleotide

>SfEXPA-19

ATCGTCTGTGTTGTGCTGCTGCGGCTGCTGTTGTTGCCCGCCACCTTTCTGCCTTTC
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GAGTAGCGAAGTATCAGCAGTTCAAGAGATCATCAGTGATGTTCTCTCGAGTGCA
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TGTGACTTTGTTAAT