

IDENTIFICATION

Species: *Sphagnum fallax*

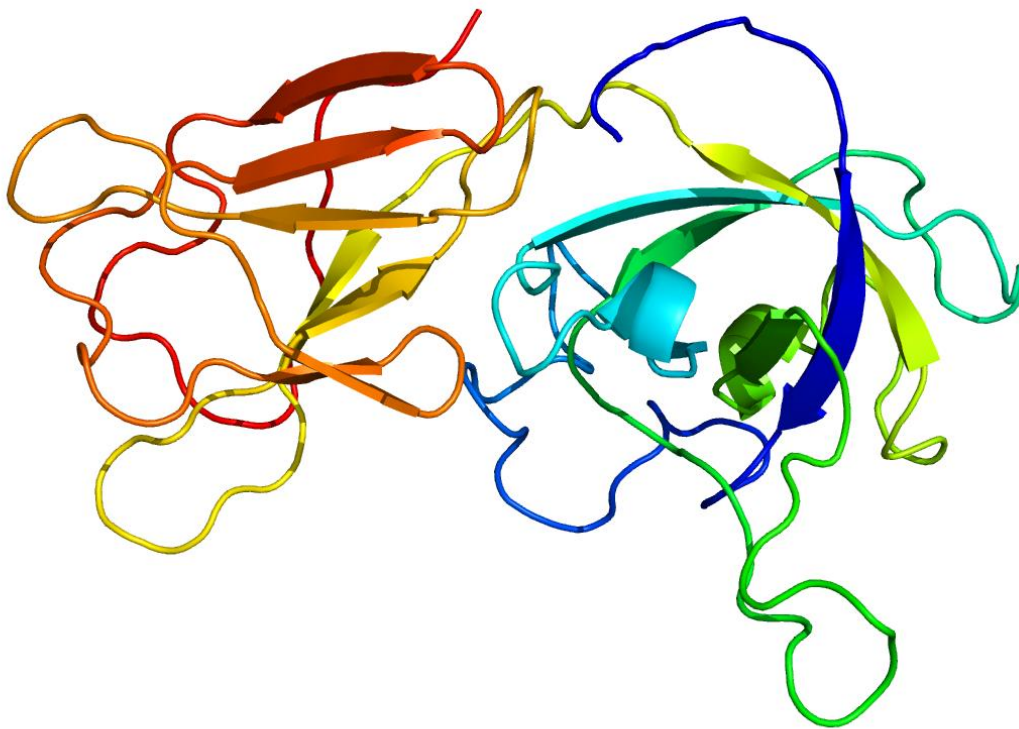
Locus: Sphfalx0086s0083

Gene Model: Sphfalx0086s0083.1.p

Description: SfEXPA-22

Family: Alpha Expansin

3D structure:



GENOME DATABASES

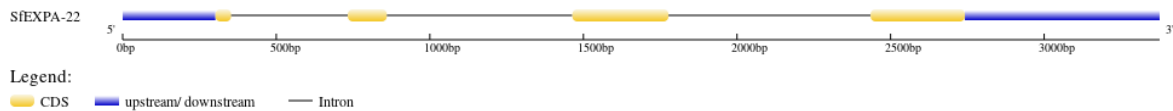
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sfallax_v0_5

KEGG:-

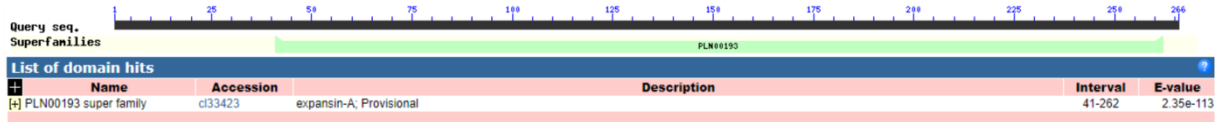
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SfEXPA-22

MIQQQFAAGRSSVVSFRMAGYATGILAAIFLACMMQVHGWSYAHATFYGGSDA
AGTQGGACGYGNLYNSGYGTNTAALSSALFNQGLSCGACFQVICQGSQWCLPGRSV
TVTATNFCPPNPSLANDNGGWCNWPLQHFDMAMPAFLQIAVYRGGIVPVS YQRVTC
IKYGGIKFTMSGSSYFSLVLITNVGGSGDVHSVSIKGSNTGWL TMSRNWGQKWQTN
ANLIGQSLSFMLTTGDGRTL TSMNVAPAYWGYGETYEGSNFY*

CDS (coding sequence)

>SfEXPA-22

ATGATTCAGCAGCAGTTCGCGGGCGGGACGCAGATCAAGTGTAGTTAGCTTCAGAA
TGGCTGGATATGCGACGGGCATTTTGGCGGCGATTTTCTTAGCCTGCATGATGCA
GCAGGTGCATGGATGGAGCTATGCACATGCGACTTTCTACGGTGGCAGCGACGCC
GCAGGCACTCAGGGCGGTGCTTGTGGGTATGGAAACCTATACTCAGGGTAC
GGACTAACACGGCGGCTCTAAGCAGCGCACTCTTCAACCAAGGCCTGTCCTGTG
GAGCTTGCTTCCAGGTTATATGTCAAGGGAGCCAGTGGTGCTTGCCGGGCAGATC
GGTAACGGTGACAGCAACAAATTTCTGCCCCCAATCCCAGTCTCGCCAACGAC
AATGGCGGGTGGTGAACCTGGCCGCTCCAGCATTTTCGATATGGCCATGCCTGCGT
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GACATGCATCAAGTATGGGGGGATTA AATTCACCATGAGTGGAAGTTCCTACTTC
AGCTTGTTCTCATCACAAATGTAGGGGGATCTGGAGATGTACATAGTGTATCCA
TCAAGGGCTCCAACACAGGATGGCTAACAATGTCAAGGAACTGGGGCCAAAAT
GGCAGACCAACGCCAACTTGATTGGTCAGAGCTTATCGTTCATGCTCACCCTGG
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Nucleotide

>SfEXPA-22

TGTGTGCCTCGCCCGCCGACTGCTGCCTTCAGCTTCTCGCAGGCGCAGCTGCACTG
TGTTGTCACTGGTGGAGAGCTCCAGAGTTCCTGTTGTTGTTGCGAGCATTGTTGCC
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TTCCACTACTAGCTGGTTTGGGATTCAGCACTCAAGCTGAGCATT CAGCTCGTGC
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CTGCATGATGCAGCAGGTGCATGGATGGAGCTATGCACATGCGACTTTCTACGGT
GGCAGCGACGCCGACGGCACTCAGGGTACAGACACTACATCTATATCTATATCCC
CCAGCTCATGACCTGCTGCAGTCTCTGCAAATTAATGATGTCTAAGAGCAACTCC
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