

IDENTIFICATION

Species: *Sphagnum fallax*

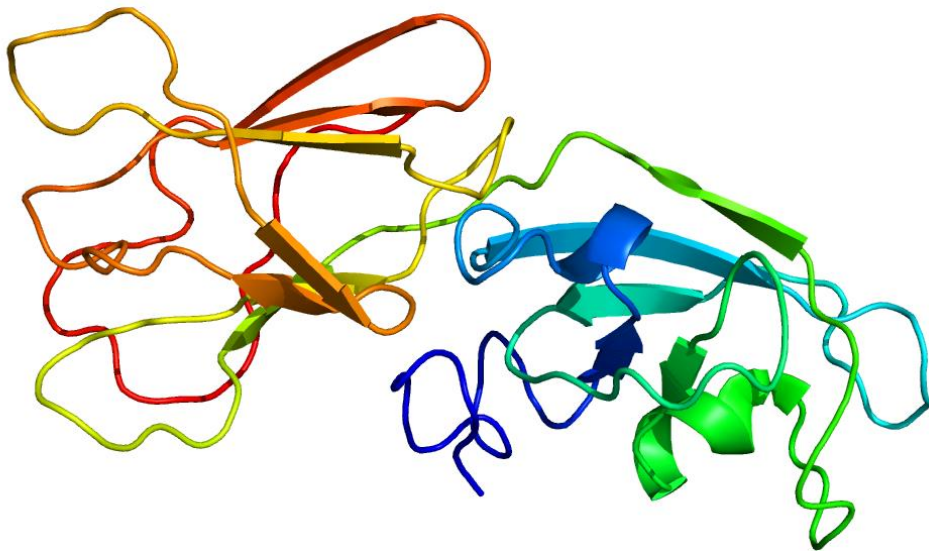
Locus: Sphfalx0027s0083

Gene Model: Sphfalx0027s0083.2.p

Description: SfEXPA-15

Family: Alpha Expansin

3D structure:



GENOME DATABASES

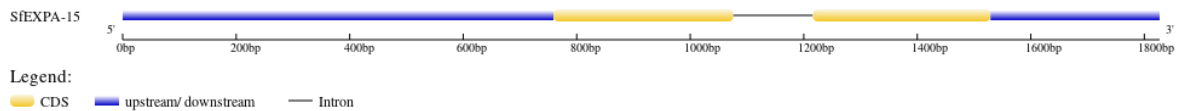
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sfallax_v0_5

KEGG:-

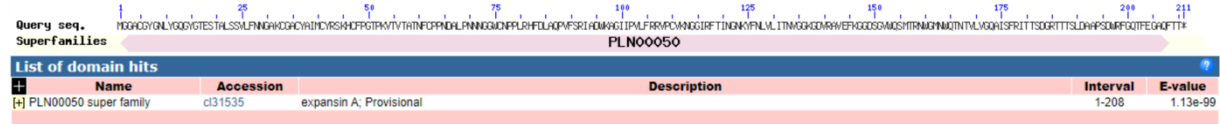
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SfEXPA-15

MGGACGYGNLYGQGYGTESTALSSVLFNNGAKCGACYAIMCYRSKHCFPGTPKVT
VTATNFCPPNDALPNNNGGWCNPLLRHFDLAQPVFSRIADWKAGIIPVLFRRVPCVK
NGGIRFTINGNKYFNLVLITNVGGKGDVRAVEFKGGDSGVWQSMTRNWGMNWQTN
TVLVGQAISFRITTS DGR T T T S L D A A P S D W R F G Q T F E G A Q F T T *

CDS (coding sequence)

>SfEXPA-15

ATGGGGGGAGCTTGC GGCTACGGGAACCTGTATGGGCAAGGCTATGGCACAGAG
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ATGCCATCATGTGCTACCGCTCCAAGCATTGCTTCCCAGGCACTCCCAAAGTGAC
GGTCACGGCCACCAACTTCTGTCTCCCAACGACGCTTTGCCCAACAACAACGGC
GGCTGGTGCAACCCTCCCTTGC GGCAATTCGACTTGGCGCAACCTGTGTTCTCGCG
CATCGCAGACTGGAAAGCTGGCATCATCCAGTTCTCTTCAGAAGGGTGCCATGC
GTGAAGAATGGAGGCATTCGCTTCACGATCAATGGCAACAAGTACTTCAACTTGG
TGCTCATCACCACGTCGGGGGCAAAGGAGATGTCCGAGCCGTGGAGTTCAAGG
GCGGCGATAGCGGCGTATGGCAATCGATGACGCGCAATTGGGGCATGAACTGGC
AACTAACACGGTGTGGTTCGGGCAAGCCATCTCCTTCCGCATCACCCTAGCGA
TGGCAGAACCACCATCCTTGGATGCTGCCCTTCCGACTGGCGTTTCGGCCAG
ACCTTTGAAGGCGCTCAGTTTACAACATAG

Nucleotide

>SfEXPA-15

GTACCTGTACACATTTTACCTACACAGCAGTAGAGTCAAGCTCCACTTGGGTA
ACCCCAAGCTCAGTCAGACTACTAATGTATAGATATGTACAAGAGGCTTACATG
CACAAAACAAGCAGAATACAGTCTGAAAGCCATGGAAGTGTGGGTTCTTCTCT
TCCTTAGCAGGGGTGTCAAAGTGT TTTAGAGAGAATTGGGAATCATTCTGCATCT
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AGTTTCGTCTATGATCTTGATGAAGCTCACTTCTCGTCCAGTCTCTGTTGCTGTTT
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TCGCTCC