

IDENTIFICATION

Species: *Sphagnum fallax*

Locus: Sphfalx0000s0533

Gene Model: Sphfalx0000s0533.1.p

Description: SfEXPA-03

Family: Alpha Expansin

3D structure:



GENOME DATABASES

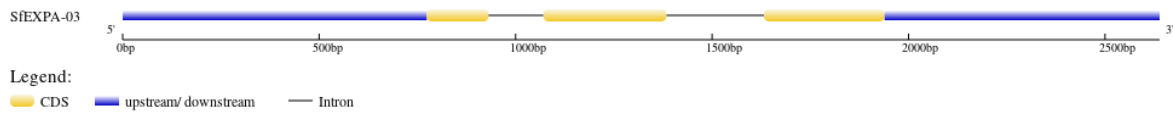
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sfallax_v0_5

KEGG:-

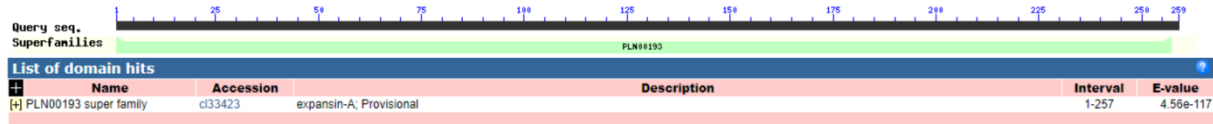
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SfEXPA-03

MAAVLLRMVFLVLTLCALHQLARAQSSGLYTG DATWSGAHATFYGGSDATGTQGGA
CGYGNLYSQGYGTNTAALSTALFNGLSCGACFEVKCNEPRWCVSEATVTVTATNF
CPPNPYLPNDNGGWCNMP LQHFDMAVPA YQQIAIYQAGIVPVL YRRVPCVKSGGVH
FTINGNPYFLLVLVSNVGGAGDVQSL SCKGEKTGWYPMERNWGQNWQYSGNAMD
GQALSFMITTSDGRTLVSQDAAPSNWQFGQTFEGSQF*

CDS (coding sequence)

>SfEXPA-03

ATGGCGGCAGTGCTCCTTCGAATGGTTTTTGTCTTGACTCTGACGTGCGCCCATCA
GTTGGCACGCGCTCAGAGTTCTGGTCTGTACACTGGTGATGCAACATGGAGCGGC
GCGCATGCCACGTTTTATGGTGGTAGTGACGCCACGGGCACCCAAGGAGGTGCTT
GCGGGTATGGAAACCTGTATAGCCAGGGCTATGGAACGAACACAGCAGCTCTGA
GCACGGCCCTCTCAACAACGGCCTGAGCTGTGGGGCATGCTTTGAGGTCAAATG
CAACGAGCCTCGATGGTGTGTATCCGAAGCTACGGTGACTGTGACGGCAACCAAC
TTCTGTCCTCCAACCCTTATTTGCCAACGACAACGGTGGATGGTGCAACATGC
CTCTCCAGCATTTCGACATGGCTGTTCCTGCTTACCAGCAGATTGCTATCTACCAA
GCGGGAATTGTCCCGTCTCTACCGCAGGGTTCCTTGTGTCAAGTCGGGGGGTG
TGCATTTACCATCAACGGCAACCCCTACTTTCTTCTAGTGCTGGTGTCCAATGTG
GGCGGTGCAGGGGATGTGCAGTCCTTGTGATGCAAGGGAGAAAAAACTGGGTGG
TACCCGATGGAAAGAAACTGGGGCCAAA ACTGGCAATACAGTGGCAATGCAATG
GACGGTCAAGCTTTGTCTTTCATGATCACCACCAGTGATGGCAGA ACTCTTGTCTC
ACAGGATGCTGCTCCTTCAA ACTGGCAATTTCGGACAAA ACTTTTGAAGGCTCACAG
TTCTAG

Nucleotide

>SfEXPA-03

CAACCCATCCC ACTTCTCCCTCTCTTCCCCTCTTTGCTTCGCGTCGCTCCTCATCGC
TCCCATCAATCTTTGCTTGCTGCTCTGCTTCCCTCCTGTTGTCTATTGTCTGTA ACT
GCCATTGCGCAAGGCAAACAGGCAGGAAGTAGGCCATCCGTCCTCCACACAATTT
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TGTGTGTGTTTGTGTTGTCTGTCTGTTTTTAAAGCTCCTTTTGTCTGTA ACTGTTG

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AACCATTACAATGTTTATTTTAAAGACTCTTTTGAATTTTTATTAACCTTT
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