

## IDENTIFICATION

**Species:** *Sphagnum fallax*

**Locus:** Sphfalx0109s0022

**Gene Model:** Sphfalx0109s0022.1.p

**Description:** SfEXPA-24

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

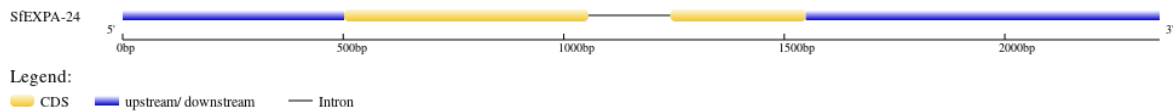
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sfallax\\_v0\\_5](https://phytozome-next.jgi.doe.gov/info/Sfallax_v0_5)

KEGG:-

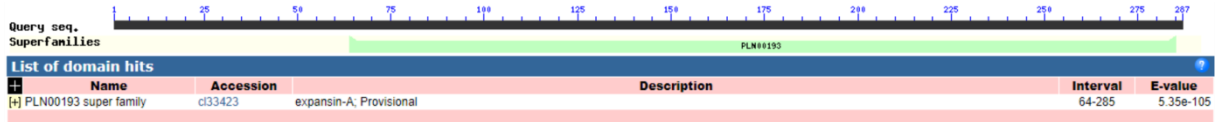
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SfEXPA-24

MAANLVTVVLDALALVVVVLGFVAGAQQVRYTHPVAQASGAGTRVASSAPASTNVG  
SSYVGEAFWTDAAHATFYGGSDASGTEGGACGYGNLYSEGYGTNTVALSSALFADGL  
SCGSCYQIKCNAPRWCLPGFVTVTATNFPCANPLANDNGGWCNLPLQHFDMAEPA  
YSQIAVYEAGIVPVLVYRRVACTKAGGVHFTINGNPNYFLLVLTNVGGAGDVHLSCK  
GSKTAWYPMQRNWGQVWQYSGNAMYGQELSFMITTSDGRTLISQDVAPSSWQFGQ  
TFEGAQF\*

### CDS (coding sequence)

>SfEXPA-24

ATGGCGGCCAATCTTGTGACTGTTGTAGATGCTCTAGCGTTGGTAGTGGTGGTTCT  
GGGGTTTGTGGCTGGGGCGCAAGGAGTCCGCTACACTCATCCGGTTGCACAAGCC  
TCTGGAGCTGGAAGTAGAGTGGCGAGTTCAGCTCCTGCAAGTACAAACGTTGGTA  
GTAGTTACGTTGGAGAAGCATTCTGGACTGATGCGCATGCGACTTTCTACGGAGG  
AAGTGATGCGTCGGGGACTGAGGGTGGAGCTTGTGGTTATGGAAATCTTTACAGC  
GAAGGCTATGGCACCAATACTGTAGCTCTTAGCAGTGCACCTTCGCTGATGGAC  
TCAGTTGCGGCTCTTGTTACCAGATCAAGTGTAATGCACCTAGGTGGTGTCTTCCA  
GGTTTCGTGACTGTGACGGCGACCAACTTCTGTCCAGCCAACCCTGGTCTTGCCA  
ACGACAATGGCGGTTGGTGCAACCTGCCTCTACAACACTTCGATATGGCTGAGCC  
TGCGTACTCGCAAATTGCTGTGTATGAAGCTGGCATTGTGCCTGTGCTGTACCGC  
AGAGTCGCGTGTACGAAAGCCGGAGGAGTGCATTTACCATCAATGGCAACCCA  
TACTTCCTCTTGGTGCTGGTAACAAACGTGGGCGGAGCTGGAGATGTGCATTCTC  
TGTCGTGCAAGGGCTCCAAGACTGCCTGGTACCCAATGCAAAGGAACTGGGGTC  
AAGTATGGCAGTACAGTGGAAATGCCATGTATGGACAGGAACTATCCTTCATGAT  
CACCACAAGCGACGGAAGGACACTGATCTCCCAAGACGTTGCTCCCTCAAGCTGG  
CAGTTTGGCCAACTTTTGAAGGAGCTCAGTTCTGA

### Nucleotide

>SfEXPA-24

CGTTGCCACTTACAAGCTTTCACTCTCTGCTGCGACGCTGTCTCTCTTTGCCCTTC  
GCCTCGTGTCCCTTGCCCTTGCAACTTCTCCTTGCTGCAACAGCACCCGAGT  
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GTTTTCTTTGTTGTGTTTCTCCGTTTCTTTGGCTTCTTTTCACTTCGTTTTAAGGGAA  
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GATCTGAGTCCAGCGTGCTAGTACAAGTAGTTTGCCTCAGTTTTGAACTCATCTCT  
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CAGGGTGGTTTATGTTTGGGAACTGCAGTGGACTTGCCTCGGATAGAAAAGGCAT  
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CCAATCTTGTGACTGTTGTAGATGCTCTAGCGTTGGTAGTGGTGGTTCTGGGGTTT  
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CTGGAAGTAGAGTGGCGAGTTCAGCTCCTGCAAGTACAAACGTTGGTAGTAGTTA  
CGTTGGAGAAGCATTCTGGACTGATGCGCATGCGACTTTCTACGGAGGAAGTGAT  
GCGTCGGGGACTGAGGGTGGAGCTTGTGGTTATGGAAATCTTTACAGCGAAGGCT  
ATGGCACCAATACTGTAGCTCTTAGCAGTGCCTCTTCGCTGATGGACTCAGTTG  
CGGCTCTTGTTACCAGATCAAGTGTAATGCACCTAGGTGGTGTCTTCCAGGTTTTCG  
TGACTGTGACGGCGACCAACTTCTGTCCAGCCAACCCTGGTCTTGCCAACGACAA  
TGGCGGTTGGTGCAACCTGCCTCTACAACACTTCGATATGGCTGAGCCTGCGTAC  
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GTACTTGCAAGAACGTACTCTGGAACAGAAATGCGAGTTTTTGAAGGTGTTTTT  
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TCAAGAGTTATTTAGGATTTTCGGGCTTAAGTTCAAGAGTTCTTAGAGTTTGTGTCT  
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TAAAAGACTCTTGAATACAGGA