

## IDENTIFICATION

**Species:** *Sphagnum fallax*

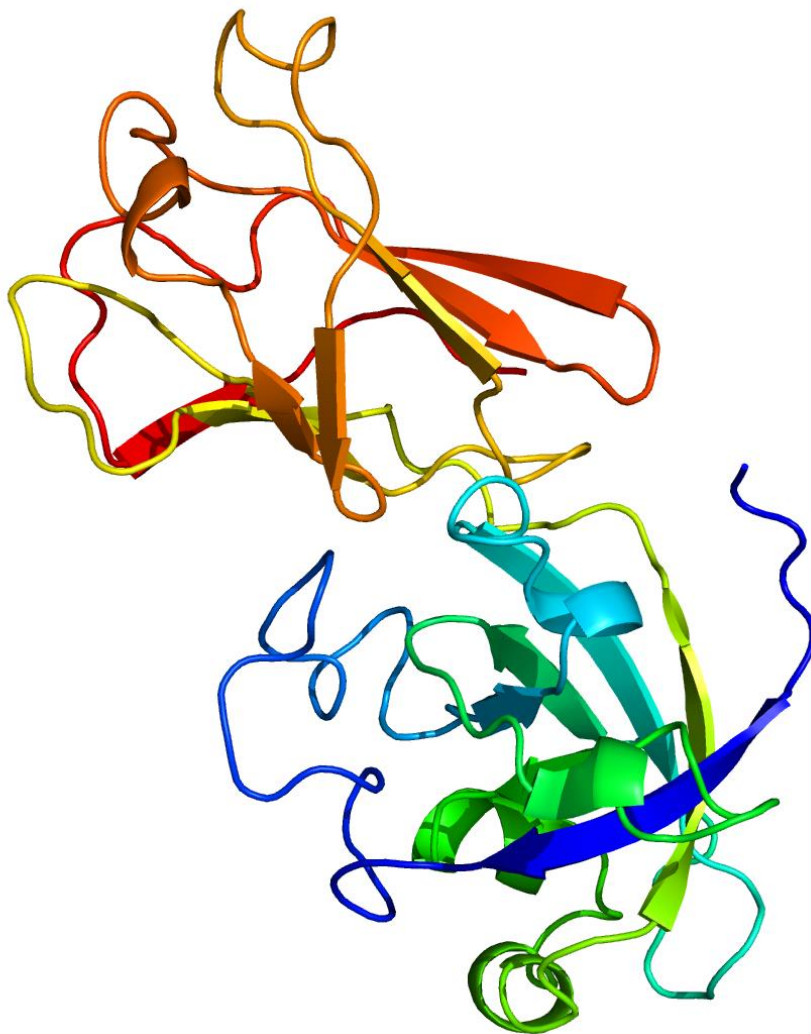
**Locus:** Sphfalx0006s0054

**Gene Model:** Sphfalx0006s0054.1.p

**Description:** SfEXPB-01

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

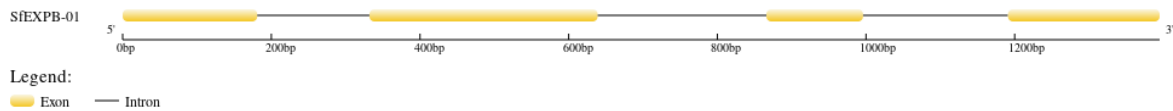
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sfallax\\_v0\\_5](https://phytozome-next.jgi.doe.gov/info/Sfallax_v0_5)

KEGG:-

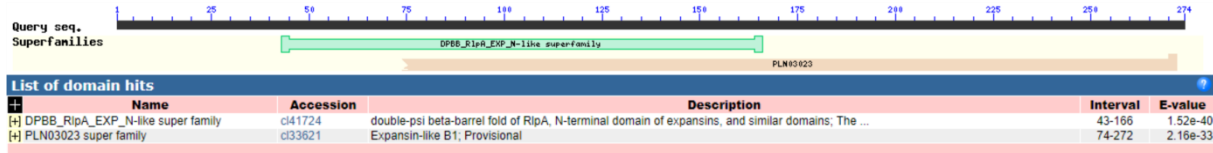
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SfEXPB-01

MAAFIIPGRSTRRFIVALLVLVCSIAGHLPLHSCQENYYDPEWKPAAGGTWYGDPDGD  
GSDGGACGYGVLSTSPYGSSIAAGNSPLFLNGSGCGVCYEVKCNHTDLCKPTATDVV  
ITDLCPGGAFCDCGSFPHFDLSGNAISNMAISGQEEALRTVA VYDLLYRRIPCSYPGQNI  
SFTVDSGSNPFWFLIVKYEGGPGDIQAVQIKQAGNDSGWQAMTQNWGANWMVQS  
NTGSALQGPLSIRLATQLTGQVVVAADVIPAGYDPGATYESSVQF\*

### CDS (coding sequence)

>SfEXPB-01

ATGGCAGCTTTTATAATTCCTGGACGCAGCACTAGACGTTTCATAGTGGCTCTGCT  
AGTACTAGTATGCAGCATTGCTGGTCATCTGCCTTTGCATTCTTGCCAGGAGAATT  
ACTACGATCCCGAGTGGAAGCCAGCTGGTGGAACTTGGTATGGAGATCCTGATGG  
AGATGGGTCAGATGGAGGTGCATGTGGGTATGGAGTGCTTTCTACTTCACCATAC  
GGAAGCAGCATTGCCGCCGGGAACCTCGCCCTATTTCTGAACGGATCAGGCTGCG  
GAGTCTGTTACGAGGTCAAGTGTAACACACCGACCTCTGCAAGCCGACTGCTAC  
CGATGTGGTCATCACAGACTTGTGTCCGGGAGGTGCTTTCTGTGATGGTAGCTTCC  
CCCACTTCGATCTCAGTGGAATGCGATTAGCAACATGGCCATTTCTGGCCAGGA  
AGAAGCTCTCCGAACCGTCCCGTTTATGATCTTCTCTACAGAAGGATTCCGTGCT  
CGTATCCGGGACAAAACATTAGCTTCACAGTGGATTCTGGGTCCAACCCATTCTG  
GTTTTCACTCATTGTCAAGTACGAGGGCGGTCCAGGAGACATCCAAGCTGTTCAA  
ATCAAGCAGGCTGGAACGACTCTGGGTGGCAGGCGATGACACAGAACTGGGGT  
GCGAACTGGATGGTGCAATCCAACACGGGATCGGCGCTTCAAGGCCCACTTTCCA  
TTCGCTTGGCTACACAGCTAACTGGGCAAGTGGTCGTGGCTGCGGATGTCATACC  
CGCCGGATATGATCCCGGGGCCACTTACGAATCCTCGGTCCAGTTCTAG

### Nucleotide

>SfEXPB-01

ATGGCAGCTTTTATAATTCCTGGACGCAGCACTAGACGTTTCATAGTGGCTCTGCT  
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AGATGGGTCAGATGGTAAGTTGATCAAATTAATGCGGAGGTAGTTGATCTCAGAA

CCCTTTTTTCCAGTTCGACTAGCAAGGGAAGTGCAGAATCTGCTTTATAC  
TATGGTACAGACATGACTTGGGTTTCTTTCTTTCTTTTTTTGGCGGGATTGCAGGA  
GGTGCATGTGGGTATGGAGTGCTTTCTACTTCACCATACGGAAGCAGCATTGCCG  
CCGGGAAGCTCGCCCTATTTCTGAACGGATCAGGCTGCGGAGTCTGTTACGAGGT  
CAAGTGTAACACACCGACCTCTGCAAGCCGACTGCTACCGATGTGGTCATCACA  
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TGAAATGCGATTAGCAACATGGCCATTTCTGGCCAGGAAGAAGCTCTCCGAACC  
GTCGCCGTTTATGATCTTCTCTACAGAAGGTAAACAATCAACCTCATGATCATCGT  
CAGATGTTAGAATCCCCACAAGAATACAAGTATGTCGCATTCAACCGAATGCAA  
ATCTTACTTGCTATCATGAATCCTGATAAGCATCGGGGTTGCCAGATCTTCTATAG  
TTAAGAGTAAATCCTTGGGGGAGTAAATTCTTTGGGAGAAAATCATTAACTAGAC  
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ACAAAACATTAGCTTCACAGTGGATTCTGGGTCCAACCCATTCTGGTTTTCACTCA  
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TAAACTATAACTAGTACTCAAGCTAGCTGATCATATATATGCTTGCATGCTTGCA  
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GATTTTCTCTTTGGATCTAGCTGCTGCTAAAATATAAACATGCTATTCCTCTGCAT  
GCATGGGATGCTGCTGCTCCGCTGCAGGCTGGAAACGACTCTGGGTGGCAGGCG  
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