

## IDENTIFICATION

**Species:** *Sphagnum fallax*

**Locus:** Sphfalx0050s0124

**Gene Model:** Sphfalx0050s0124.1.p

**Description:** SfEXPB-03

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

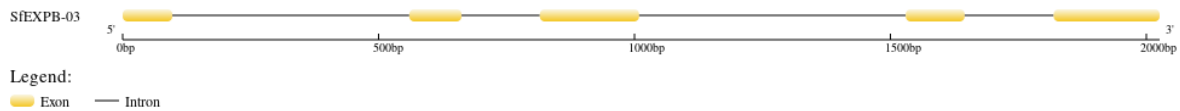
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sfallax\\_v0\\_5](https://phytozome-next.jgi.doe.gov/info/Sfallax_v0_5)

KEGG:-

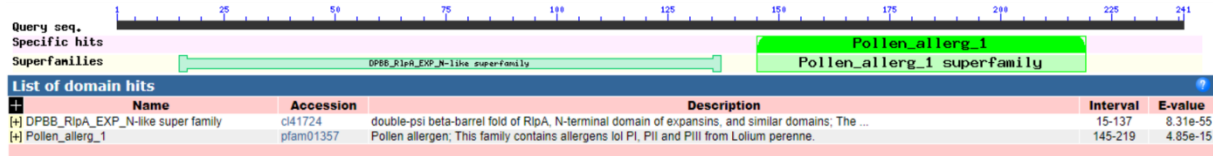
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SfEXPB-03

LSTILLAKNRYDIDWQYGHATWYGDOPYGDGSDGGACGYTALETTPYGSKIAAGSSA  
VFMNGQGCCTCYDVKCRYSICKSEPTRIVITDFCPGGIYCSTGAVAFDLSGSAINSLAV  
PGQEWAMRNIGTYSIQYMRVPCEYGGQNVAFVVDAGSSPYWLSFAVKYEGGPGDIQ  
SSGSYEWEPMQHNWGWASWMLIDYSGQPFKGPFDVQIIAKLNGHSLIAWNAIPDYFQP  
GATYNSTVQFLH\*

### CDS (coding sequence)

>SfEXPB-03

CTGAGTACCATTCTTCTAGCGAAGAATAGGTACGACATCGATTGGCAGTATGGGC  
ATGCGACTTGGTATGGAGATCCTTATGGAGACGGCTCAGACGGAGGCGCTTGTGG  
GTATACCGCCCTGGAGACCACGCCTTATGGCTCCAAGATTGCGGCTGGAAGTTCA  
GCAGTTTTTCATGAATGGTCAAGGCTGCGGTAAGTGTACGACGTCAAATGCAGAT  
ATTCAATCTGCAAGTCAGAACCGACCAGGATAGTCATCACAGATTTTTGTCCCGG  
TGGGATCTACTGCAGCACCGGCGCAGTTGCATTTCGATCTCAGCGGCAGTGCCATC  
AACAGCTTGGCAGTGCCGGGTGAGGAGTGGGCTATGCGCAACATCGGCACATAC  
AGCATTCAATACATGAGGGTCCCATGTGAATATGGAGGACAAAACGTTGCCTTTG  
CGGTGGATGCAGGCTCTAGTCCTTATTGGCTGTCGTTTCGCGTCAAATACGAGGG  
AGGTCCAGGCGACATTCAATCTTCTGGTAGCTACGAGTGGGAGCCAATGCAACAC  
AACTGGGGTGCAGATTGGATGTTGATCGATTACTCCGGACAACCTTTCAAAGGTC  
CTTTCGACGTTTCAGATCATTGCCAAGCTCAATGGCCATTCTCTCATCGCATGGAAT  
GCAATCCCAGATTACTTCCAACCCGGAGCAACCTACAATTCAACTGTCCAGTTCC  
TACATTA

### Nucleotide

>SfEXPB-03

CTGAGTACCATTCTTCTAGCGAAGAATAGGTACGACATCGATTGGCAGTATGGGC  
ATGCGACTTGGTATGGAGATCCTTATGGAGACGGCTCAGACGGTGGAGTACTTTTT  
GATCTGCGATTTTCAGATACTTCTTAACGTTAGTGGCTAGAAAAAGCGAGCGGAG  
TTTCGTTAGGAAGTAGTCCTTGTAGAAGGAAGATAGAATAGTTCTCAGACCTTAT  
ATGGATTTGGAGATCAACGACTAATGGGTGACTCAAGCTGCCCTCCTAACACTGG

AAGTAGTGACTGGCGAACCAATCATGTCTAGGATTAGTGCGGAGACTGAAGAGT  
TCCAAGCGTAATGTTCTAGTAGCCCAAGTCATCGACTGCTTACGAGGGCGCATGCA  
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CACCCATGCTGATCTAAGAATGGTCTAAATGTTATGTGCATGCAGGTCAAATGCA  
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CGGTGGGATCTACTGCAGCACCGGCGCAGTTGCATTCGATCTCAGCGGCAGTGCC  
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TACAGCATTCAATACATGAGGTATGAACTAGGACGTAGATAGCAGCACTCAAAA  
TACTCCTCAGTTGTCTGCACCGCCGTTCCATTTACCTTTCAAGTTTTTTTACCATGG  
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CAACCCGGAGCAACCTACAATTCAACTGTCCAGTTCCTACATTAA