

## IDENTIFICATION

**Species:** *Panicum hallii*

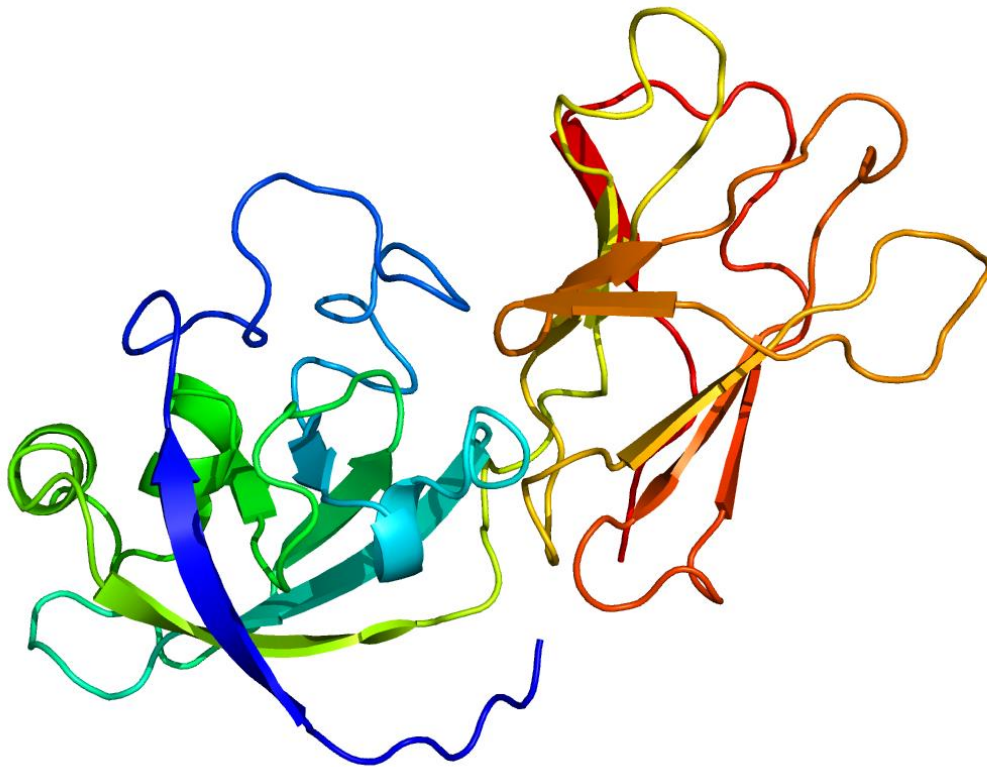
**Locus:** Pahal.2G370400

**Gene Model:** Pahal.2G370400.1.p

**Description:** PhEXLA-01

**Family:** Expansin Like Alpha

**3D structure:**



## GENOME DATABASES

Phytozome: [https://phytozome-next.jgi.doe.gov/info/Phallii\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/Phallii_v3_1)

KEGG: <https://www.genome.jp/entry/T07366>

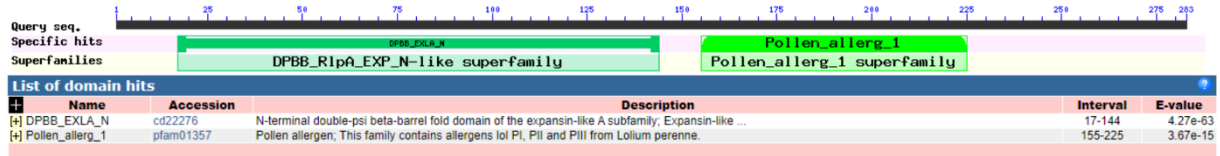
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>PhEXLA-01

MAVFLCFFLVLVVASC SAAGDERCVRQGKAAYAPSL SPLPQGS GVCY GAMA AEIN  
 GGFLAAGGPKQHRGGLGCGRCFQVRCRDAKLCSSRGV RVVLTDFHRSNR TDFLLGG  
 PAFAGLAKPGMAHELKRLDTLSVEYKRIPCDYKDKNLSILVEEESKRPSNLVVKFLY  
 QGGQTDILAVDVA AVGSSEWRFMTRV RGPVWR TDRVPAGPLQFRA VVTGGYD GK  
 WVWAEREVL PADWRPGQVYDTGVRIADVARDGCQAAPPPRWTGSKDGQLVGRQM  
 HHSTD\*

### CDS (coding sequence)

>PhEXLA-01

ATGGCCGTCTTCCTCTGTTTCTTCCTGGTGCTCGTCGTCGCCTCCTGCTCCGCCGCC  
 GGCGACGAGAGGTGCGTGCGGCAGGGGAAGGCCGCATACGCGCCCTCGCTGTCC  
 CCGCTCCC GCAAGGCAGCGGAGTCTGCGGGTACGGCGCCATGGCCGCGGAGATC  
 AATGGGGGCTTCCTCGCCGCCGGGGACCCAAGCAGCACCGCGGAGGGCTCGGC  
 TCGGGGAGGTGTTTCCAGGTGAGATGCAGAGACGCAAAGCTGTGCAGCAGCCGG  
 GGAGTGCGGGTTCGTGCTACCGACTTCCACAGGAGCAACCGTACCGACTTCTCTGC  
 TCGGAGGGCCAGCTTTCGCGGGCCTGGCCAAGCCCGGGATGGCCCACGAGTTGA  
 AGAGGCTGGATACTCTCTCCGTAGAGTACAAGAGAATTCCCTGCGACTACAAGGA  
 CAAGAACCTGTCCATACTCGTGGAGGAAGAGAGCAAGCGTCCAAGCAACCTGGT  
 CGTCAAGTTCTCTACCAGGGCGGCCAAACCGACATCCTGGCGGTAGACGTGGCT  
 GCGGTGGGATCGTCGGAGTGGCGGTTTATGACGCGGGTCCGCGGGGCCGGTGTGG  
 CGCACGGACCGCGTCCCCGCCGGCCCGCTGCAGTTCCGGGCGGTGGTACGGGGC  
 GGTACGACGGCAAGTGGGTGTGGGCCGAGCGGGAGGTGCTCCCGCGGACTGGC  
 GGCCGGGGCAGGTCTACGACACCGGCGTCCGGATCGCCGACGTGGCCAGGGACG  
 GCTGCCAGGCGGCGCCGCCCGCGCTGGACTGGAAGTAAGGACGGCCAGCTGG  
 TGGGTAGACAGATGCACCATAGTACAGACTAA

### Nucleotide

>PhEXLA-01

AGTGGCCTAAGCAGCGGCATGTGCTAGCCAGAGGCAGAGGTCACAGTCTCCTCTC  
 CTCTTTCCTCCCTCGCTCTCTACTACTCGACGCCATCGCCATGGCCGTCTTCTCT

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AAGGTGTGCTGCTGTACTCCATGTTGATGCTTTTGGGATTGGACTTTCTCGTTTTC  
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