

## IDENTIFICATION

**Species:** *Panicum hallii* HAL

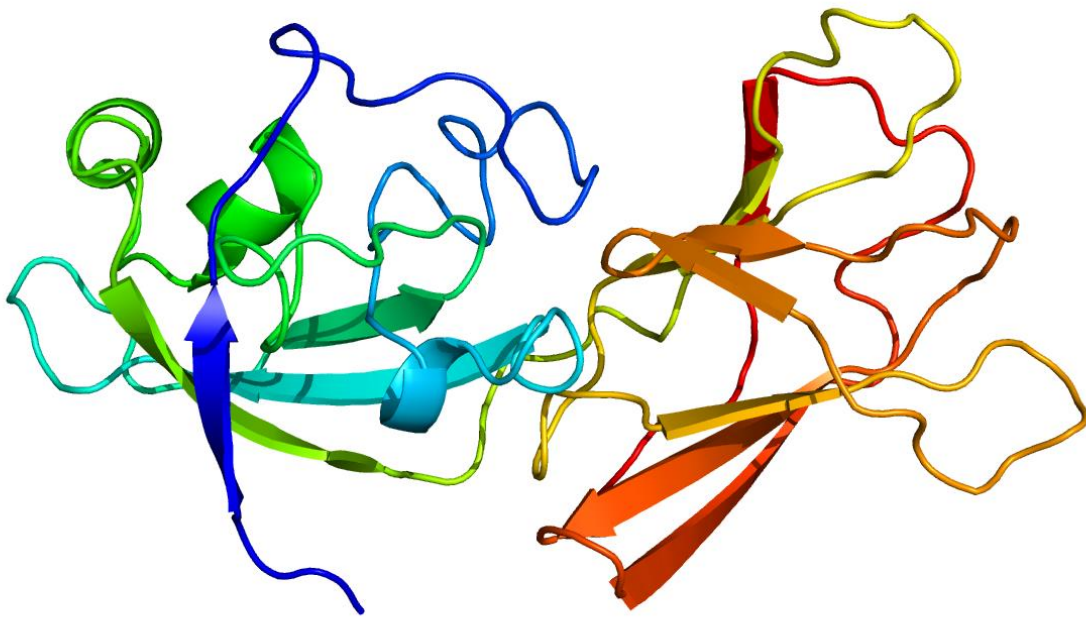
**Locus:** PhHAL.9G414000

**Gene Model:** PhHAL.9G414000.1.p

**Description:** PhhEXLA-03

**Family:** Expansin Like Alpha

**3D structure:**



## GENOME DATABASES

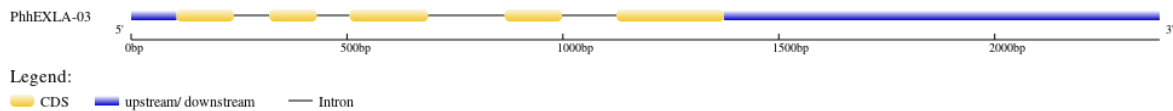
Phytozome: [https://phytozome-next.jgi.doe.gov/info/PhalliiHAL\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/PhalliiHAL_v2_1)

KEGG:-

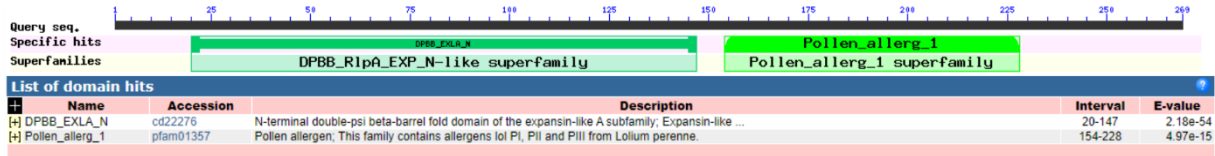
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>PhhEXLA-03

MRSAAPLSLVLLAFVAVPSPARGCDRCVRRSKATYQASSLALNAGSCGYGPLAASF  
NGGFLAAAGPEFYRGGVVGCGACFQVRCGDELCSAAGAKVVVTDQARTSNRTGLV  
LSGAAYAAMARAGMAARLRAQRVVDVEYKRIPCEYANRNLSIRVEGKSRPPSELSIR  
FLYQGGQTDIVAVDVATVGSNWRFMTRHGPASTAQAPAGPLQLRLVVTGGYD  
GKWVWAESEVLPRRWEAGRVYDAGVQVADVAQEGCYPCDTHEWQ\*

### CDS (coding sequence)

>PhhEXLA-03

ATGAGGAGCGCCGCGCCCCTGTCCCTCGTCTTGCTCCTGGCCTTCGTCGCGGTCCC  
GTCCCCGGCTCGCGGCTGCGACCGCTGCGTGCGCCGCTCCAAGGCCACCTACCAG  
GCCTCCTCGCTCGCCCTCAACGCCGTTTCGTGCGGGTACGGCCCCCTGGCCGCGT  
CCTTCAACGGCGGCTTCCTCGCCGCGGCGGGCCCCGAGTTCTACAGGGGCGGCGT  
CGGCTGCGGGCGCCTGCTTCCAGGTGAGGTGCGGGGACAGCGAGCTGTGCAGCGC  
CGCCGGCGCCAAGGTGGTGGTGACGGACCAGGCGCGGACCTCGAACCGCACGGG  
CCTGGTGCTGAGCGGCGCGGCGTACGCGGCCATGGCCC GCGCCGGCATGGCAGC  
GCGGCTCAGGGCGCAGCGCGTTCGTGGACGTCGAGTACAAGAGGATCCC GTGCGA  
GTACGCGAACCGCAACCTGTTCGATCCGCGTGGAGGGGAAGAGCCGGCCGCGGAG  
CGAGCTGTCCATCAGGTTCTGTACCAGGGCGGCCAGACCGACATCGTCGCCGTT  
GACGTCGCCACGGTCGGGTCGTCGAACTGGCGGTTTATGACGCGGGAGCACGGTC  
CGGCGTGGAGCACGGCGCAGGCCGCGGGGCGGGGCGCTGCAGCTCCGGCTGGTGG  
TCACCGGCGGGTACGACGGCAAGTGGGTGTGGGCGGAGTCGGAGGTGCTGCCGC  
GGCGGTGGGAGGCCGGCCGCGTCTACGACGCCGGGTGCAGGTCGCCGACGTCG  
CGCAGGAAGGGTGCTACCCCTGCGACACGCACGAGTGGCAGTGA

### Nucleotide

>PhhEXLA-03

CCAATCCCCCAGTTCAGTTCGTGTGTTCTGTTCTGTTCTCCCTAGCGAAACCAAT  
TCGAGCCTTCTCGTCTTCGACCTCGAGAGCTCGGTCCGTGGCCGTCGCCATGAGG  
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