

## IDENTIFICATION

**Species:** *Panicum hallii* HAL

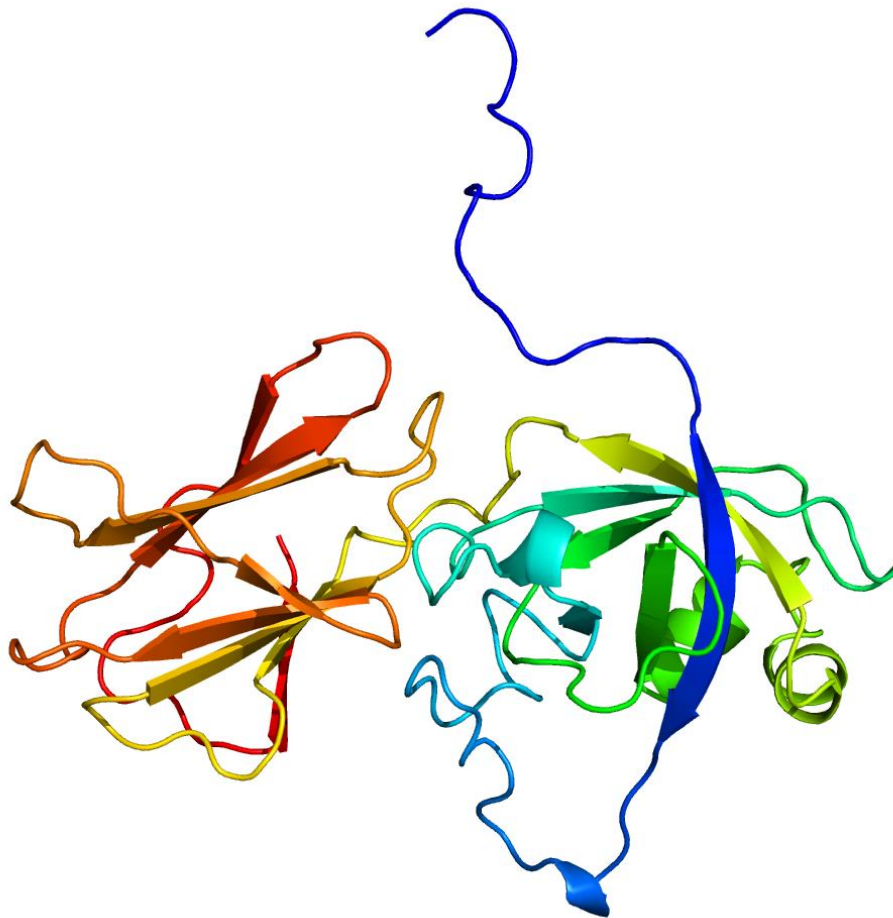
**Locus:** PhHAL.3G448200

**Gene Model:** PhHAL.3G448200.1.p

**Description:** PhhEXPB-09

**Family:** Beta Expansin

**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

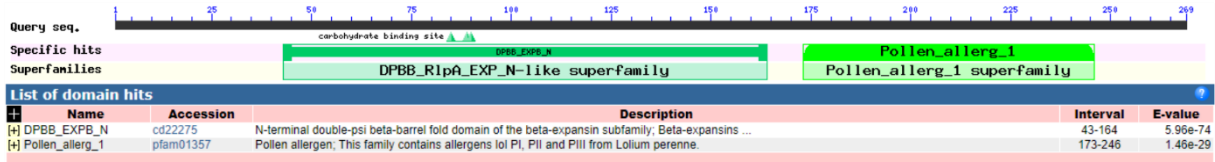
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## GENE STRUCTURE



Legend:  
Exon

## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>PhhEXPB-09

MAAASTHLVAVAMVLAALVGGAWCGPPKVPPGKNISADCDGKWLEAKATWYGKPTGAGPDDNGGACGYKEVNAKPFNGMGACGNSPIFKDGLGCGSCYEIKCDKPAECSGEPVIVYITDMNYEPIAAAYHFDLAGTAFGAMAKKGEEKLRKAGIIDMQFRRVKCKYPADTKIAFHVEKGCNPNYLALLVKYAAGDGDIVGVDIKEKGAKEYQSLKHSWGAIWRMDTPKPIKGPISIRITSEGGKTLEQEDVIPEGWKPDPLYPSKLQF\*

### CDS (coding sequence)

>PhhEXPB-09

ATGGCGGCGGCGTTCGACGCATCTTGTGCGGTGGCGATGGTGCTCGCGGCGCTGGTGGGCGGCGCATGGTGCGGTCCGCCAAGGTTCCCCGGGCAAGAACATCTCGGCAGACTGCGACGGCAAGTGGCTGGAGGCCAAGGCGACATGGTACGGCAAGCCGACAGGCGCGGGGCCGACGACAACGGCGGCGCCTGCGGGTACAAGGAGGTGAACAAGGCTCCCTTCAACGGCATGGGGGCGTGCGGCAACTCGCCCATCTTCAAGGACGGCCTCGGCTGCGGCTCCTGCTACGAGATCAAGTGCACAAAGCCCGCCGAGTGCTCGGGCGAGCCCGTCATCGTCTACATCACCGACATGAACTACGAGCCCATCGCCGCCTACCACTTCGACCTGGCCGGCACGGCCTTTGGAGCCATGGCCAAGAAGGGGGAGGAGGAGAAGCTGCGCAAGGCGGGCATCATCGACATGCAGTTCCGCCGCGTCAAGTGCAAGTACCCGGCCGACACCAAGATCGCCTTCCACGTCGAGAAGGGCTGCAACCCTCAACTACCTGGCGCTGCTCGTCAAGTACGCCGCCGGCGACGGCGACATCGTCCGCGTCGACATCAAGGAGAAGGGCGCCAAAGAGTACCAGTCCCTGAAGCACTCTTGGGGCGCCATCTGGAGGATGGACACCCCAAGCCGATCAAGGGCCCCATCTCCATCCGCATCACCAGCGAGGGAGGCAAAACGCTCGAACAGGAGGATGTCATCCCCGAAAGGCTGGAAGCCCGACACCCTCTACCCCTCCAAGCTCCAGTTCTGA

### Nucleotide

>PhhEXPB-09

ATGGCGGCGGCGTTCGACGCATCTTGTGCGGTGGCGATGGTGCTCGCGGCGCTGGTGGGCGGCGCATGGTGCGGTCCGCCAAGGTTCCCCGGGCAAGAACATCTCGGCAGACTGCGACGGCAAGTGGCTGGAGGCCAAGGCGACATGGTACGGCAAGCCGAC

AGGCGCGGGGCCCCGACGACAACGGCGGGCGCCTGCGGGTACAAGGAGGTGAACA  
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CGTCGACATCAAGGAGAAGGGCGCCAAAGAGTACCAGTCCCTGAAGCACTCTTG  
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CGCATCACCAGCGAGGGAGGCAAAACGCTCGAACAGGAGGATGTCATCCCCGAA  
GGCTGGAAGCCCGACACCCTCTACCCCTCCAAGCTCCAGTTCTGA