

## IDENTIFICATION

**Species:** *Panicum hallii* HAL

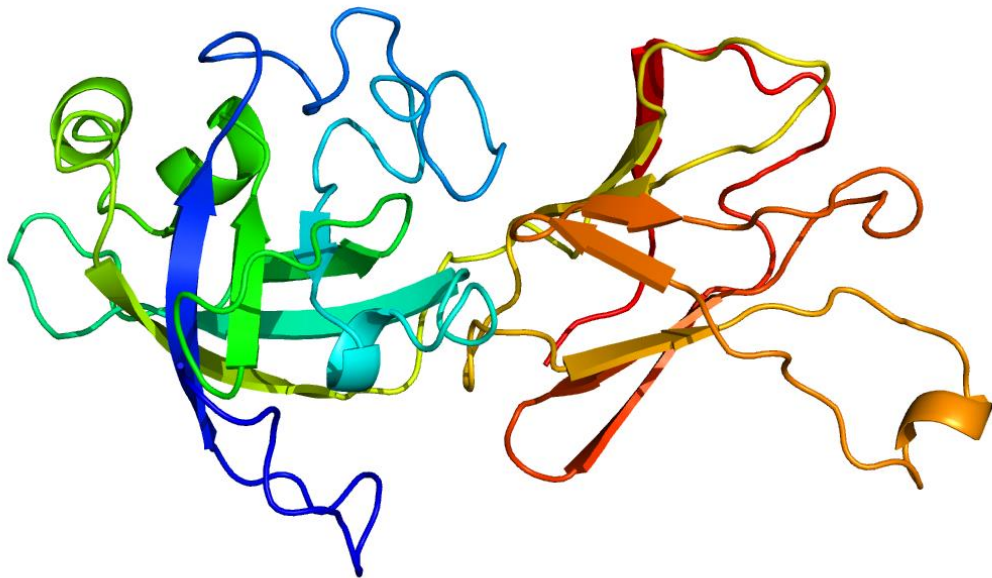
**Locus:** PhHAL.9G650600

**Gene Model:** PhHAL.9G650600.1.p

**Description:** PhhEXPB-32

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

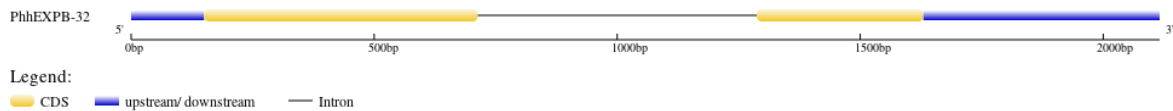
Phytozome: [https://phytozome-next.jgi.doe.gov/info/PhaliiHAL\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/PhaliiHAL_v2_1)

KEGG:-

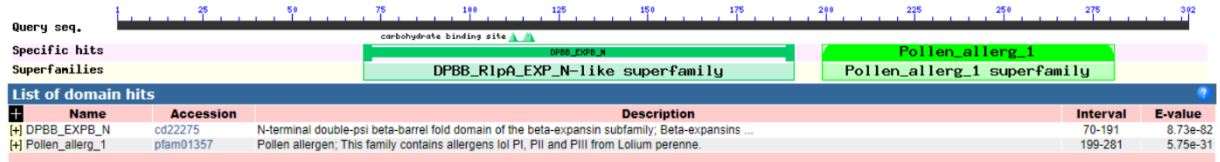
## EXTERNAL RESOURCES

-

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>PhhEXPB-32

MSLSSRAVAAALLCLLV AHGTSCSKQHKTGHKAHAAPTTPPPGTTPPAATTPPPPSSTS  
 NSSSSNAGDGWLNARATWYGAPNGAGPDDNNGACGFKGVNLPFSAMTSCGNP  
 LFKDGKGCYQIRCLAH PACSGIPETVIITDMNYYVPVAPYHLDLSGTAFGAMAKD  
 GRNDEL RHAGIIDIQFKRVACQYPGLTVTFHIERGSNP KYLAVLVEYSNGDGDV VQV  
 DLMESRAEDG EPTGVWEP MRESWGS IWRMDTRRPLQGPFS LRVTNESGKTLVADQV  
 IPADWQPDSVYSSIVQFD\*

### CDS (coding sequence)

>PhhEXPB-32

ATGTCCCTGTCCTCCCGCGCCGTCGCCGCTGCGCTGCTCTGCCTGCTCGTGGCTCA  
 TGGCACCAGCTGCTCCAAGCAGCACAAAGACCGGACACAAGGCCACGCCGCACC  
 GACGACGCCGCCGCCGGGCACACCTCCTGCTGCTACGACTCCTCCGCCACCATCG  
 TCCACATCGAATTCCAGTTCCAGTTCCAACGCCGGCGATGGCTGGCTCAACGCC  
 GGGCGACGTGGTACGGCGCCCCAACGGCGCCGGCCGGACGACAACGGTGGCG  
 CCTGCGGCTTCAAGGGTGTCAACCTGCCGCCCTTCTCCGCCATGACGTCCCTGCCG  
 GAACGAGCCACTTTCAAGGACGGCAAGGGATGTGGCTCCTGCTACCAGATCCCG  
 TGCCTTGCCACCTGCTTGCTCCGGCATCCCGGAGACGGTCATCATCACAGACA  
 TGAATTACTACCCGGTGGCGCCCTACCACTTGGACCTCAGCGGAACAGCCTTCGG  
 CGCCATGGCCAAGGACGGCCGAACGACGAGCTCAGGCACGCCGGCATCATCGA  
 CATCCAGTTCAAGAGGGTTGCTTGCCAGTACCCTGGTCTGACTGTGACCTTCCAC  
 ATCGAGCGCGGCTCCAACCCCAAGTACCTGGCGGTGCTGGTGGAGTACTCCAACG  
 GCGACGGCGACGTGGTGCAGGTGGATCTGATGGAGTCGCGGGCGGAGGACGGCG  
 AGCCGACGGGGGTGTGGGAGCCGATGCGCGAGTCTGGGGTTCCATCTGGCGGA  
 TGGACACCCGGCGGCCGCTGCAGGGGCCCTTCTCGCTGCGCGTACCAACGAGTC  
 CGGCAAGACGCTGGTGGCGGACCAGGTCATCCAGCAGACTGGCAGCCGGACAG  
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## Nucleotide

>PhhEXPB-32

CTTTGCTATATATATAAACACATGGCTAGCTAGCATCATCGATCGACGGCATAACC  
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