**IDENTIFICATION**

**Species:** *Panicum hallii HAL*

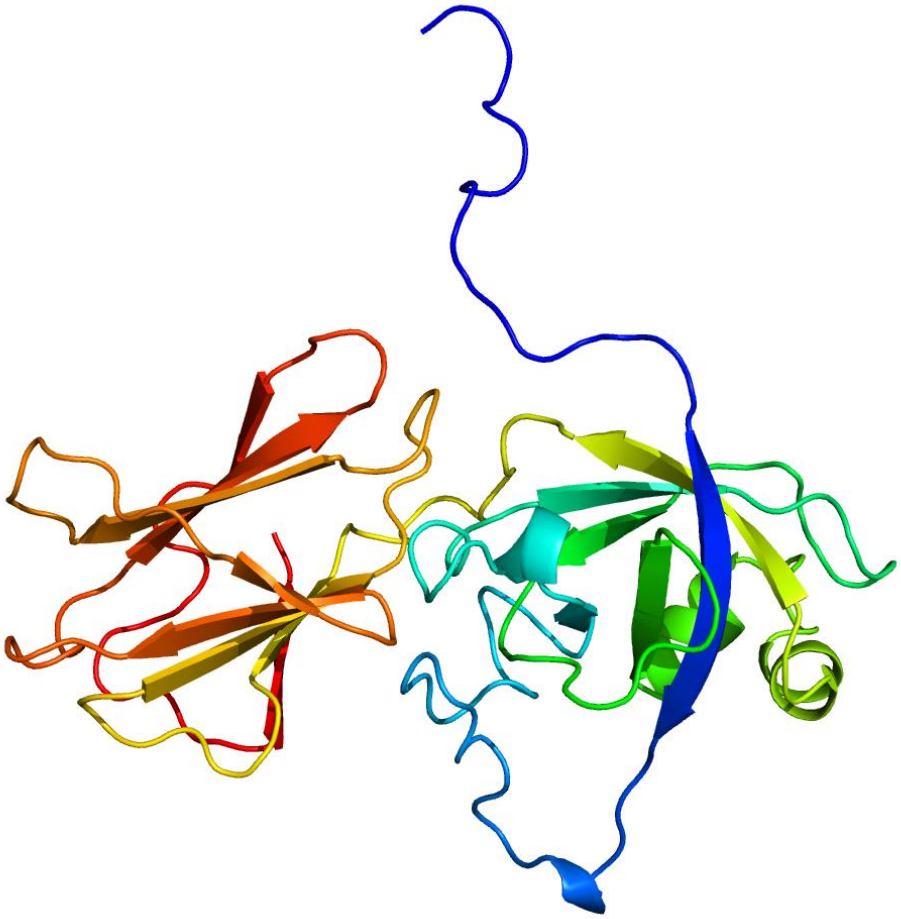
**Locus:** PhHAL.3G448100

**Gene Model:** PhHAL.3G448100.1.p

**Description:** PhhEXPB-08

**Family:** Beta Expansin

**3D structure:**



**GENOME DATABASES**

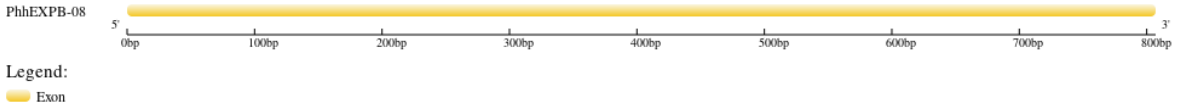
Phytozome: https://phytozome-next.jgi.doe.gov/info/PhalliiHAL_v2_1

KEGG:-

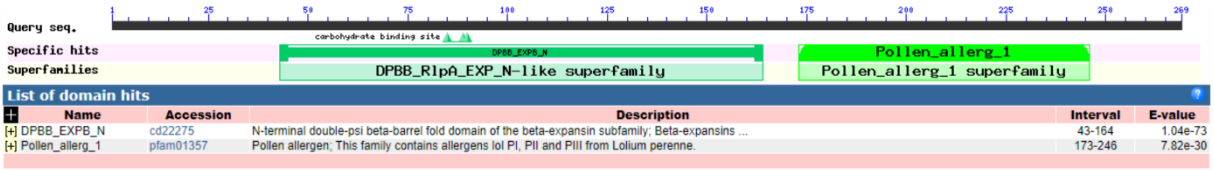
**EXTERNAL RESOURCES**

-

## GENE STRUCTURE




## DOMAIN ARCHITECTURE




## SEQUENCES

### Peptide

>PhhEXPB-08

MAAASTHLVAVAVVLAALVGGAWCGPPKVPPGKNISADCDGKWLEAKATWYGKP
TGAGPDDNGGACGYKEVNKAPFNGMGACGNSPIFKDGLGCGSCYEIKCDKPAECSG
EPVIVYITDMNYEPIAAYHFDLAGTAFGAMAKKGEEEKLRKAGIIDMQFRRVKCKYP
ADTKIAFHVEKGCNPNYLALLVKYAAGDGDIVGVDIKEKGAKEYQSLKHSWGAIWR
MDAPKPIKGPISIRITSEGGKTLEQEDVIPEGWKPDTLYPSKLQF*

### CDS (coding sequence)

>PhhEXPB-08

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AGACTGCGACGGCAAGTGGCTGGAGGCCAAGGCGACATGGTACGGCAAGCCGAC
AGGCGCGGGGCCCGACGACAACGGCGGCGCCTGCGGGTACAAGGAGGTGAACA
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CCTCGGCTGCGGCTCCTGCTACGAGATCAAGTGCGACAAGCCCGCCGAGTGCTCG
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ACCACTTCGACCTGGCCGGCACGGCCTTTGGAGCCATGGCCAAGAAGGGGGAGG
AGGAGAAGCTGCGCAAGGCGGGCATCATCGACATGCAGTTCCGCCGCGTCAAGT
GCAAGTACCCGGCCGACACCAAGATCGCCTTCCACGTCGAGAAGGGCTGCAACC
CCAACTACCTGGCGCTGCTCGTCAAGTACGCCGCCGGCGACGGCGACATCGTCGG
CGTCGACATCAAGGAGAAGGGCGCCAAAGAGTACCAGTCCCTGAAGCACTCTTG
GGGCGCCATCTGGAGGATGGACGCCCCCAAGCCGATCAAGGGCCCCATCTCCATC
CGCATCACCAGCGAGGGAGGCAAAACGCTCGAACAGGAGGATGTCATCCCCGAA
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### Nucleotide

>PhhEXPB-08

ATGGCGGCGGCGTCGACGCATCTTGTTGCGGTGGCGGTGGTGCTCGCGGCGCTGG
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CGTCGACATCAAGGAGAAGGGCGCCAAAGAGTACCAGTCCCTGAAGCACTCTTG
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CGCATCACCAGCGAGGGAGGCAAAACGCTCGAACAGGAGGATGTCATCCCCGAA
GGCTGGAAGCCCGACACCCTCTACCCCTCCAAGCTCCAGTTCTGA