

IDENTIFICATION

Species: *Panicum hallii* HAL

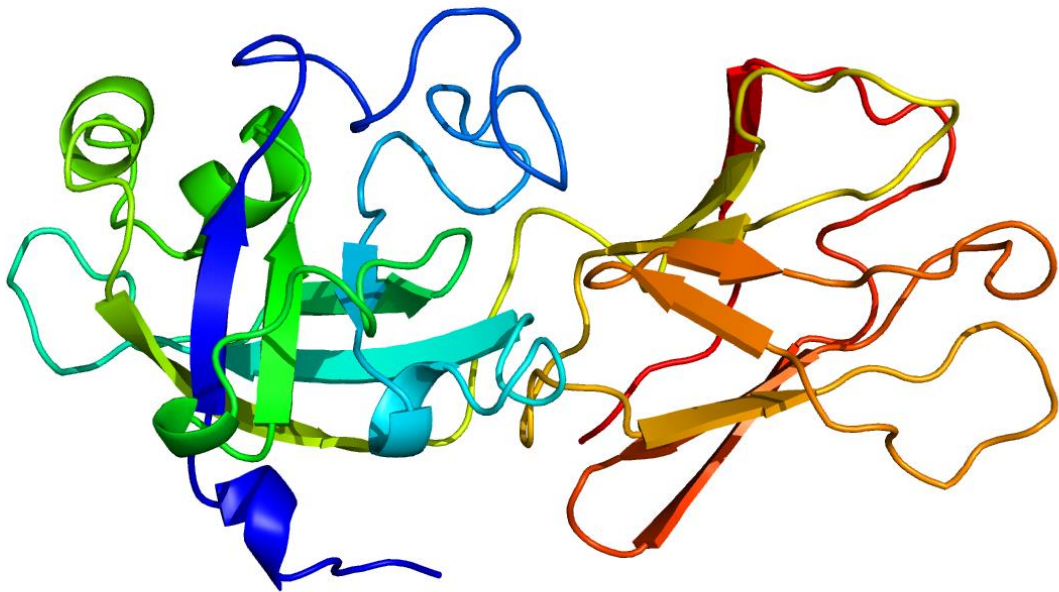
Locus: PhHAL.1G326700

Gene Model: PhHAL.1G326700.1.p

Description: PhhEXPB-02

Family: Beta Expansin

3D structure:



GENOME DATABASES

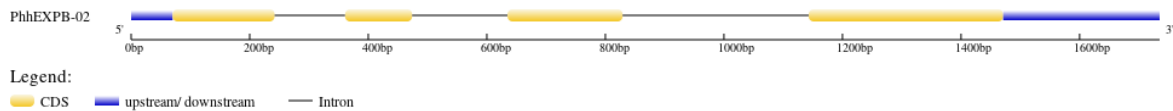
Phytozome: https://phytozome-next.jgi.doe.gov/info/PhalliiHAL_v2_1

KEGG:-

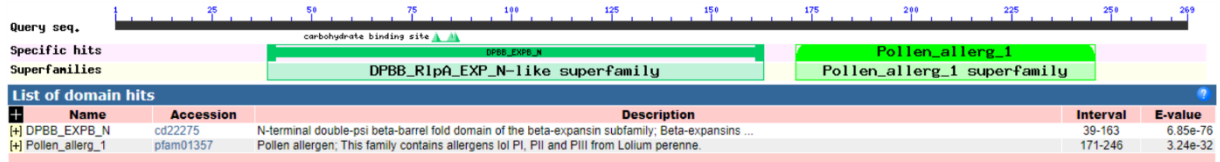
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhhEXPB-02

MASTKTWALSRFVFAALAALACLRLPGAPVELHRKLSGWSGDAGATWYGAPNGAG
SDGGACGYQNAVDLPPFASMIAGSPSIFQSGKGCSCYQVRCRHAACSGSPVTVV
LTDVCPGGACLEEPVHFDLSGTAFGAMAKPGQADQLRAAGRLKIQYTRVPCNWQGT
EITFKVDAGSNPNYLAVLVEYESGDGDLRSVELMQSGGAAWAQMQQSWGAVWRY
DSGAALRAPFSIRVTSVSGSRTLVASDVIPAGWTPGATYRSVVFNFNY*

CDS (coding sequence)

>PhhEXPB-02

ATGGCTTCCACCAAGACCTGGGCCCTGTCTCGCTTCGTGTTTCGCGGCCCTCGCGGC
GCTCGCCTGCCTCCTCCGTCCCGGCGCGCCCGTTCGAGCTCCACCGCAAGCTCTCC
GGCTGGTCCGGCGACGCCGGCGCGACGTGGTACGGCGCGCCCAACGGCGCCGGG
AGCGACGGCGGCGCGTGCGGGTACCAGAACGCCGTCGACCTGCCGCCGTTTCGCG
TCCATGATCGCCGCCGGCAGCCCGTCCATCTTCCAGAGCGGCAAGGGCTGCGGCT
CCTGCTACCAGGTGAGGTGCACCCGGCACGCGGCGTGCTCCGGCAGCCCGGTGAC
GGTGGTCCTCACCGACGTGTGCCCGGCGGCGCGTGCTGGAGGAGCCCGTGCAC
TTCGACCTGAGCGGCACGGCGTTCGGCGCCATGGCGAAGCCCGGGCAGGCCGAC
CAGCTCCGCGCCCGGCCCGCCTCAAGATCCAGTACACCCGGGTGCCGTGCAACT
GGCAGGGGACGGAGATCACGTTCAAGGTGGACGCCGGCTCGAACCCGAACTACC
TGGCGGTGCTGGTCGAGTACGAGTCCGGGGACGGCGACCTGCGGTCCGTGGAGC
TCATGCAGAGCGGCGGCGCGGCGTGCGGCGCAGATGCAGCAGTCTGGGGCGCGG
TGTGGCGGTACGACTCGGGCGCCGCCCTGCGGGCGCCCTTCTCCATCCGCGTCAC
CTCCGGCTCCGGCAGGACGCTCGTCGCCAGCGACGTGATCCCCGCCGGCTGGACG
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Nucleotide

>PhhEXPB-02

GGGCAGCACACTCCACTCCACTCCACTGCCCGCACTCCACCGCTCCGCCTGTCTCG
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