

IDENTIFICATION

Species: *Panicum hallii* HAL

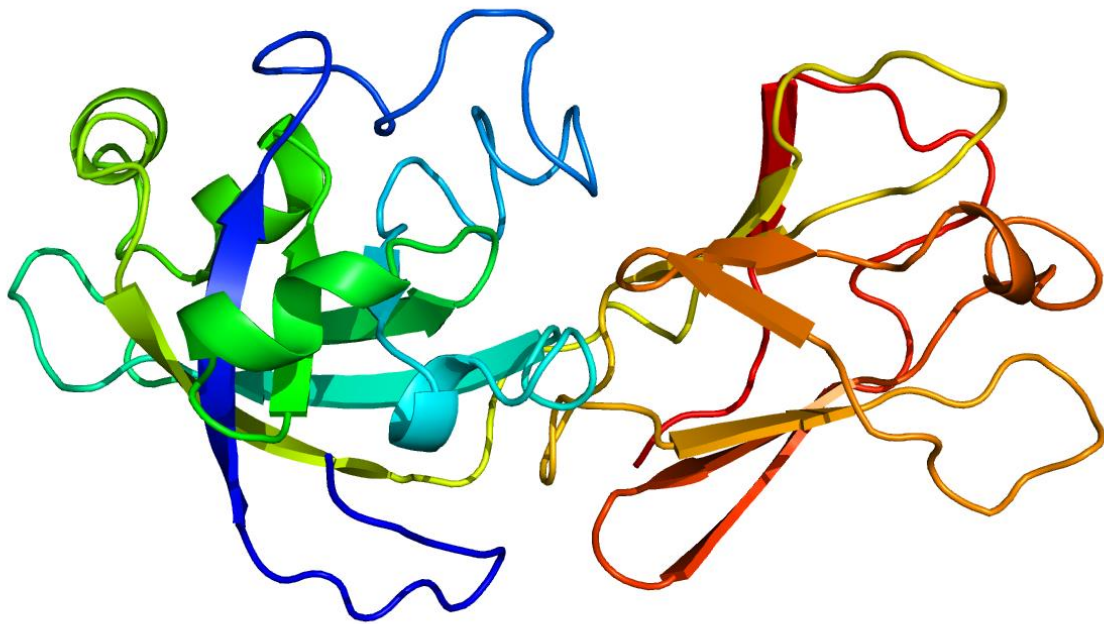
Locus: PhHAL.1G327100

Gene Model: PhHAL.1G327100.1.p

Description: PhhEXPB-04

Family: Beta Expansin

3D structure:



GENOME DATABASES

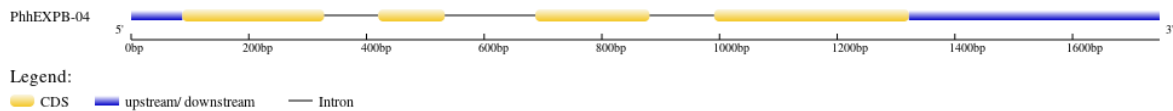
Phytozome: https://phytozome-next.jgi.doe.gov/info/PhalliiHAL_v2_1

KEGG:-

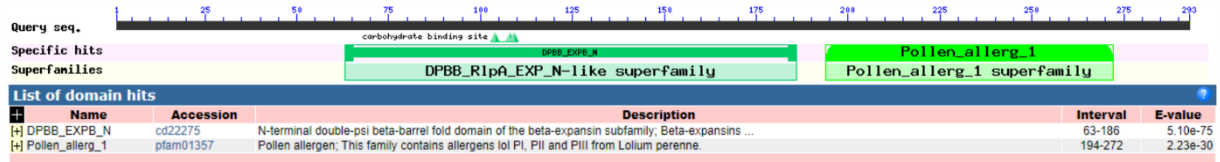
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhhEXPB-04

MAKSYTLLFGALVVLALLVSPIACSRKLAKPSKHRPSHRPATGGRGNYTAIPSASDAY
GSGGWLSAGATYYGAPNGDGSDDGACGYQTA VGQRPFSSMIAAGSPSLFKGGKGC
GACYEVKCDSNPACSGQPATVVITDECPAGVCLAEAAHFDMMSGTSMGAMAKPGMA
DRLRAAGILKIQYKRVPCKYSGVNIAFRVDQGSNPFYFEVLVEFEDGDGDLSAVDLM
EAGCGTWTMPVQNWGALWRYNSNTGKALRAPFSLRLTSDSGKVLVANNVIPAGWT
AGATYRSLVNY*

CDS (coding sequence)

>PhhEXPB-04

ATGGCGAAGTCTTACACCTTGCTGTTTCGGCGCACTGGTCGTGCTCGCGCTTCTGGT
GAGCCCCATTGCTTGCTCCCGCAAGCTCGCCAAGCCCAGCAAGCACAGGCCGAGC
CACAGGCCGGCTACCGGGGGCCGCGGCAACTACACCGCCATCCCCTCGGCCTCCG
ACGCCTACGGCTCCGGCGGCTGGCTGTCCGCCGGCGCGACGTACTACGGCGCCCC
CAACGGCGACGGCAGTGACGGCGGCGCATGCGGCTACCAGACCGCCGTCTGGGCA
GCGGCCCTTCTCGTTCGATGATCGCCGCCGGGAGCCCGTCGCTGTTCAAGGGCGGC
AAGGGATGCGGCGCCTGCTACGAGGTTAAATGCGACAGCAACCCGGCGTGCTCC
GGCAGCCGGCGACCGTGGTCATCACCGACGAGTGCCCCGCCGGGGTCTGCCTCG
CCGAGGCCGCCACTTCGACATGAGCGGCACCTCCATGGGCGCCATGGCGAAGC
CCGGCATGGCCGACAGGCTTCGCGCAGCCGGTATCCTGAAGATCCAGTACAAGA
GGGTGCCGTGCAAGTACAGCGGCGTGAACATCGCCTTCCGGGTGGACCAGGGCT
CCAACCCGTTCTACTTCGAGGTGCTGGTCGAGTTCGAGGACGGCGACGGCGACCT
CAGCGCCGTCGACCTGATGGAGGCCGGGTGCGGCACCTGGACCCCGATGGTGCA
GAACTGGGGCGCGCTGTGGCGCTACAACCTCAACACCGGCAAGGCGCTGAGGGC
GCCCTTCTCGCTCCGGCTCACCTCCGACTCCGGCAAGGTCTCTCGTCGCCAACAA
GTCATCCCCGCCGGCTGGACGGCCGGAGCCACGTACCGCTCCCTGGTGAACACT
CCTGA

Nucleotide

>PhhEXPB-04

AAACACTCGAGCTAAGCTCAGCCTCACAGCTTCCCTCGAGCTACCGGTGCTAGCT
TAGGAGGAGAAGGAAACCAAGCAGCAGCAGCAATGGCGAAGTCTTACACCTTGC
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AATGCGTTCATGTGCCGCGCGTAATGCAGGTTAAATGCGACAGCAACCCGGCGTG
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