

IDENTIFICATION

Species: *Panicum hallii* HAL

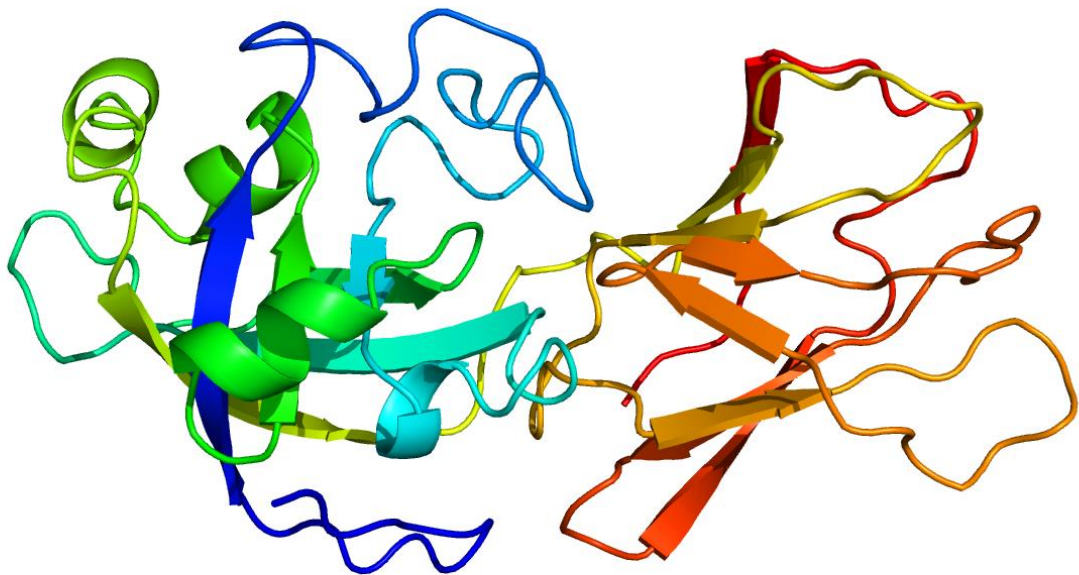
Locus: PhHAL.7G222200

Gene Model: PhHAL.7G222200.1.p

Description: PhhEXPB-10

Family: Beta Expansin

3D structure:



GENOME DATABASES

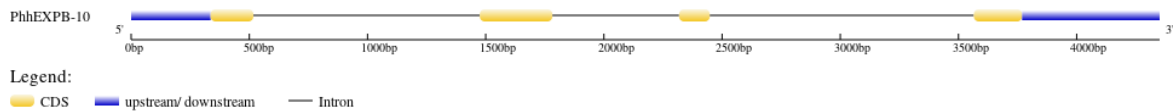
Phytozome: https://phytozome-next.jgi.doe.gov/info/PhalliiHAL_v2_1

KEGG:-

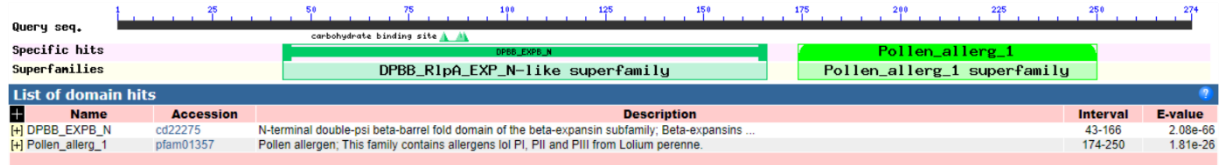
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhhEXPB-10

MASPRSLALFLLCILAPAPPVPAALLFGGGKSAKAAAGLDMEWRPATATWYGDAEG
DGSDGGACGYGTLVDVVPMKARVGSVSPVLFKDGEGCGACYKVKCLDRGICSRRA
VTVIVTDECPGGLCAFGHTHFDLSGAAFSRMAVAGAGGRLRDRGQLNVVYRRTACK
YGGKNIAFRVNEGSTSFWLSLLVEFEDGEGDIGSMQIKQANSVEWLDMKHVWGAT
WCLVRGPLVGPFSVRLTTLsAKKTLTARDVIPRNWAPKATYTSRLNFEPsL*

CDS (coding sequence)

>PhhEXPB-10

ATGGCTTCCCCGCGCTCCCTCGCCCTCTTCCTGCTCTGCATTCTGGCGCCGGCGCC
GCCCGTACCAGCCGCATTGCTGTTCCGGGGCGGGAAGTCGGCCAAGGCGGCGGC
GGGCCTGGACATGGAGTGGCGCCCGGCCACCGCGACGTGGTACGGCGACGCCGA
GGGCGACGGCAGCGACGGCGGCGCGTGCGGGTACGGGACCCTGGTGGACGTGGT
GCCGATGAAGGCGCGGGTGGGGTTCGGTGAGCCCCGTGCTGTTCAAGGACGGCGA
GGGCTGCGGCGCCTGCTACAAGGTCAAGTGCCTGGACCGCGGCATCTGCTCGCGC
CGGGCCGTGACGGTCATCGTCACGGACGAGTGCCCCGGCGGCCTCTGCGCGTTCG
GCCACACGCACTTCGACCTCAGCGGCGCCGCCTTCAGCAGGATGGCCGTCGCCGG
CGCCGGAGGACGCCTGCGCGACCGCGGCCAGCTGAACGTCGTCTACAGGAGGAC
TGCCTGCAAGTACGGCGGGAAGAACATAGCATTCCGTGTGAACGAGGGCTCGAC
CAGCTTCTGGCTCTCGCTGCTCGTCGAGTTCGAGGACGGCGAAGGCGACATTGGA
TCCATGCAGATAAAGCAGGCCAACTCGGTGGAGTGGCTGGACATGAAGCACGTG
TGGGGGGCCACGTGGTGCCTGGTGCGGGGCCCGCTCGTGGGGCCCTTCTCCGTGA
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GGAActGGGCGCCCAAGGCCACCTACACCTCGCGCCTCAACTTCGAGCCGTCCCT
CTAG

Nucleotide

>PhhEXPB-10

CTACCTGCACAATCTAATCTACCCGCGCTGCACCACTCATTGCCCTGACGCCCGTG
CCCGTGTTCATTTGTACAGACTACAGAGCACAGCTAGCTCTACCGAAGCCAGC

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CGCGCGCGCGCTTGTGCTTGTCTGGTGTTCCTGTTTTGTGTTTTCCCTGATTGAAA
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