

IDENTIFICATION

Species: *Panicum hallii*

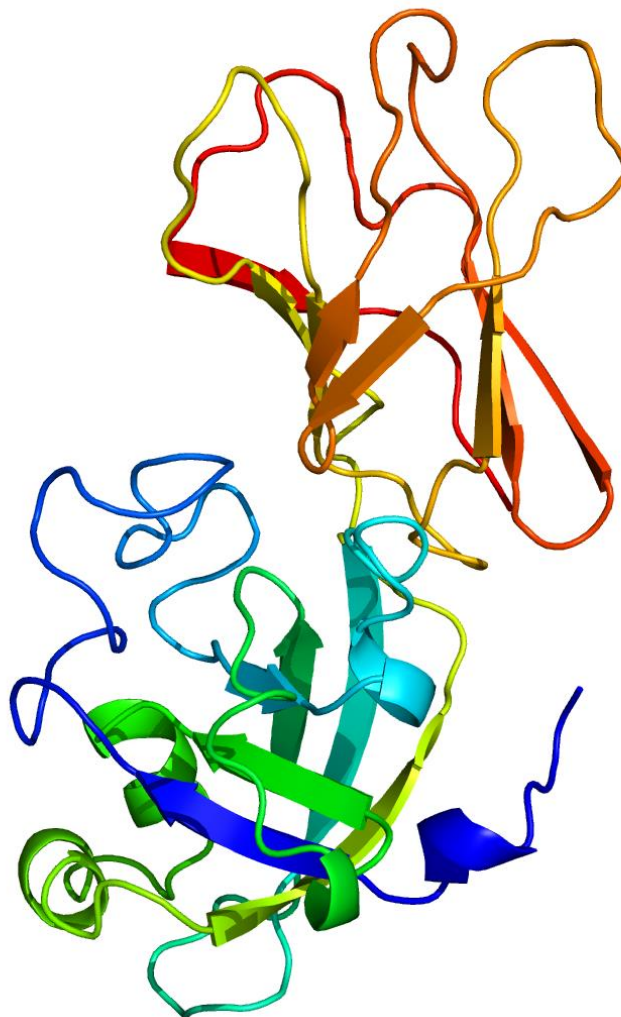
Locus: Pahal.1G334800

Gene Model: Pahal.1G334800.1.p

Description: PhEXPB-03

Family: Beta Expansin

3D structure:



GENOME DATABASES

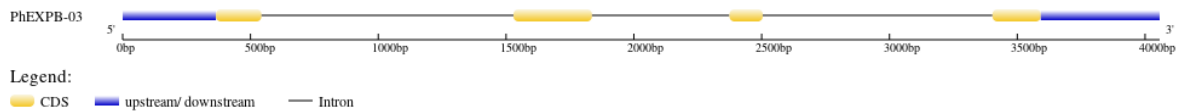
Phytozome: https://phytozome-next.jgi.doe.gov/info/Phallii_v3_1

KEGG: <https://www.genome.jp/entry/T07366>

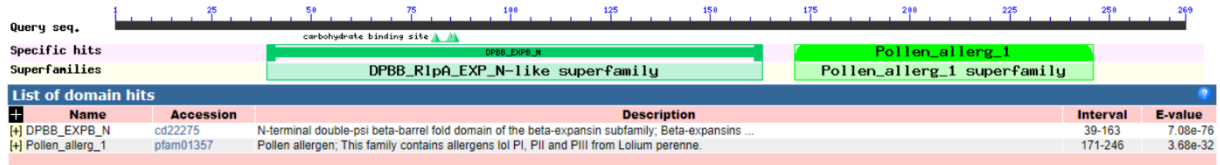
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhEXPB-03

MASTKTWALSRFVFAALAALACLRLPGAPVELHRKLSGWSGDAGATWYGAPNGAG
SDGGACGYQNAVLDLPPFASMIAGSPSIFQSGKGCSCYQVRCRHAACSGSPVTVV
LTDVCPGGACLKEPVHFDLSGTAFGAMAKPGQADQLRAAGRLTIQYTRVPCNWQGT
EITFKVDAGSNPNYLA VLVEYESGDGDLRSVELMQSGGAAWAQMQQSWGAVWRY
DSGAALRAPFSIRVTS GSGR TLV ASDVIPAGWTPGATYRSV VNFNY*

CDS (coding sequence)

>PhEXPB-03

ATGGCTTCCACCAAGACCTGGGCCCTGTCTCGCTTCGTGTTTCGCGGCCCTCGCGGC
GCTCGCCTGCCTCCTCCGTC CCGGCGCGCCCGTTCGAGCTCCACCGCAAGCTCTCC
GGCTGGTCCGCGACGCCGGCGCGACGTGGTACGGCGCGCCCAACGGCGCCGGG
AGCGACGGCGGCGCGTGC GGGTACCAGAACGCCGTCGACCTGCCGCCGTTTCGCG
TCCATGATCGCCGCCGGCAGCCCGTCCATCTTCCAGAGCGGCAAGGGCTGCGGCT
CCTGCTACCAGGTGAGGTGCACTCGGCACGCGGCGTGCTCCGGCAGCCCGGTGAC
GGTGGTCTCACCACGAGTGTGCCCGGCGGCGCGTGCCTGAAGGAGCCCGTGCAC
TTCGACCTGAGCGGCACGGCGTTCGGCGCCATGGCGAAGCCCGGGCAGGCCGAC
CAGCTCCGCGCCGCCGGCCGCTCACGATCCAGTACACCCGGGTGCCGTGCAACT
GGCAGGGGACGGAGATCACGTTCAAGGTGGACGCCGGCTCGAACCCGA ACTACC
TGGCGGTGCTGGTCGAGTACGAGTCCGGGGACGGCGACCTGCGGTCCGTGGAGC
TCATGCAGAGCGGCGGCGCGGCGTGGGCGCAGATGCAGCAGTCTGGGGCGCGG
TGTGGCGGTACGACTCGGGCGCCGCCCTGCGGGCGCCCTTCTCCATCCGCGTAC
CTCCGGCTCCGGCAGGACGCTCGTCGCCAGCGACGTGATCCCCGCCGGCTGGACG
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Nucleotide

>PhEXPB-03

CCACTGGGCCACAGCGGGGCACTCGCATCAATCAAACAGCCATGCAGAAAAGCT
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