

IDENTIFICATION

Species: *Panicum hallii*

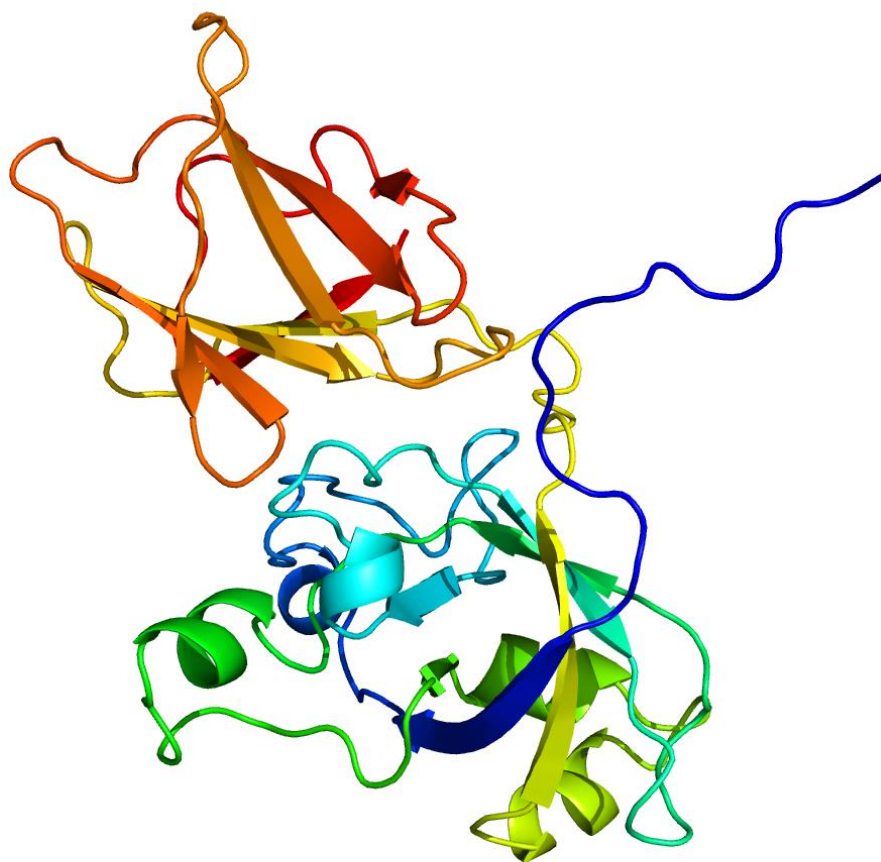
Locus: Pahal.9G153700

Gene Model: Pahal.9G153700.1.p

Description: PhEXPB-18

Family: Beta Expansin

3D structure:



GENOME DATABASES

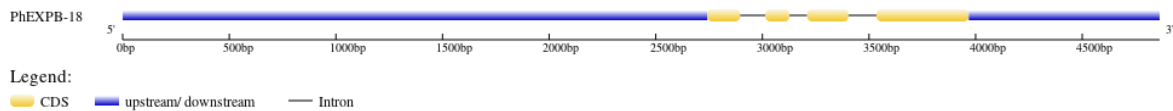
Phytozome: https://phytozome-next.jgi.doe.gov/info/Phallii_v3_1

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

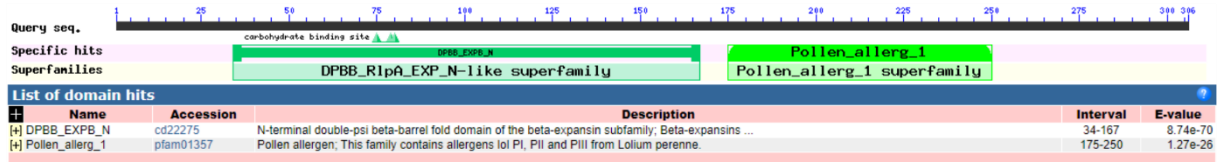
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhEXPB-18

MASKIQRLSFIAITVFASLHPCMSTGFRHELSSWTTGIATWYGDPNGAGSEGGACGYQ
YAVDQPPFSSLIAAGSPFIYDSGNGCGSCYQVACSGNQACSGYPVTVVITDQGPGGGP
CLSQASDGMCLNEGAHFDMSGTAFGAMAKPGLADQLRGAGILQIQYTRVQCEWPG
VDVTFSVDSGSNPNYLAVVIEYEDSDSDLSAVDIMQSSTGQWVPMQHSWGAVWRL
NSGSTLHGPFHIRLTFNSGRVLIASNAVPAWAGMSYRSGGVAVTRARPRSAGCRG
YKAAGAFSDLVYHLLLFVVLAL*

CDS (coding sequence)

>PhEXPB-18

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CCATCCTTGCATGTCCACTGGGTTCCGCCATGAGCTCTCCAGCTGGACCACTGGC
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GGTACCAGTATGCTGTCGACCAACCACCATTCTCGTCCTTGATTGCTGCCGGCAG
CCCTTTCATCTACGATTCTGGAAATGGGTGTGGTTCTTGCTACCAGGTGGCATGCT
CTGGCAATCAAGCTTGCTCTGGTTACCCTGTGACTGTAGTCATCACCGACCAGGG
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Nucleotide

>PhEXPB-18

CAATCTCCATGCCATGTCTGGGTTTTTCCAACAAGGGCAAGCATAAACCCCTGTTC
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