

IDENTIFICATION

Species: *Panicum hallii*

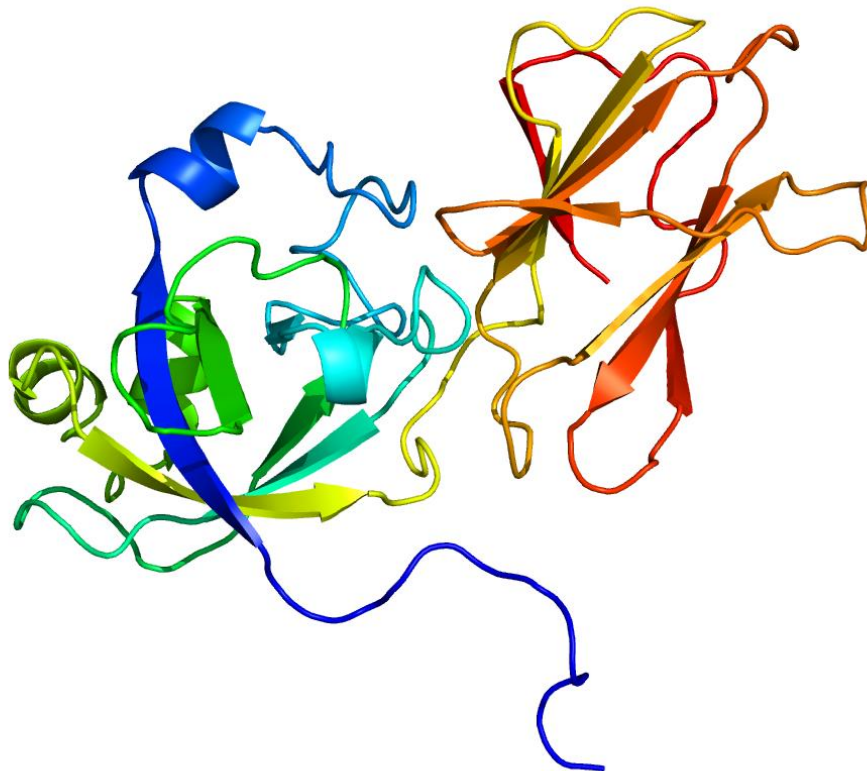
Locus: Pahal.9G153500

Gene Model: Pahal.9G153500.1.p

Description: PhEXPB-17

Family: Beta Expansin

3D structure:



GENOME DATABASES

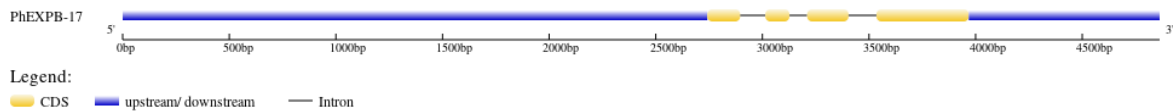
Phytozome: https://phytozome-next.jgi.doe.gov/info/Phallii_v3_1

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

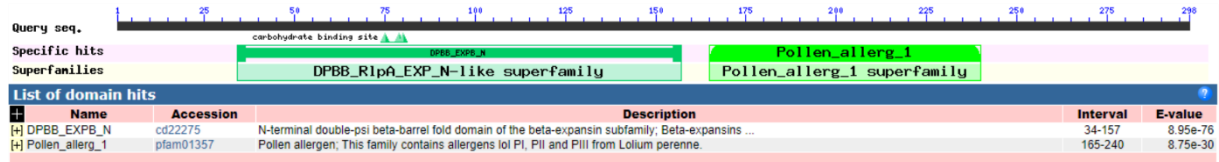
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhEXPB-17

MASKLQVSFIAITAFVFLHPCASIEFRRELSGWSNGIATWYGAADGAGSDGGACGY
QNTVDQPPFSSMIAAGCSSIYDSGKGCSCYQVVCTGNDACSGNPVTVVITDECPDCP
CPDDQVHFDMSGTAFGAMAKPGQDSQLRGAGAIQIQYTRVQCQWPGVDVTFVSESG
SNPNYLAVLIEYEDSDSLDAVDIMQSGTGQWAPMQQSWGAVWKLNSGSPLQGPFN
IRLTFSSGRVLVASNAIPAGWNASVAYRSGGVAVSRTRPRSGGCRSHDAAGTLLSRL
VYHLLVLFVALKL*

CDS (coding sequence)

>PhEXPB-17

ATGGCCTCCAAGCTCCAGGTGTCCTTCATTGCCATCACAGCTTTCGCCTTTGTCCT
CCACCCTTGTGCATCCATTGAGTTCCGCCGTGAGCTCTCTGGTTGGTCCAATGGCA
TTGCTACATGGTATGGTGCAGCTGATGGTGCAGGAAGTGACGGTGGCGCGTGTGG
GTACCAGAACACTGTCGATCAGCCACCAATTCTCCTCCATGATTGCCGCTGGCTGCT
CTTCCATCTACGACTCTGGCAAGGGCTGTGGTTCTTGCTATCAGGTGGTGTGCACT
GGCAATGATGCTTGCTCTGGTAACCCGGTGACGGTTGTCATCACCGACGAGTGTC
CTGACTGCCCGTGTCCGGATGATCAGGTGCACTTCGACATGAGTGGGACAGCATT
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TCCGTGGAGTCTGGCTCCAACCCGAACCTGGCTGTGCTCATCGAGTACGAGG
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CATTGAAGCTGTGA

Nucleotide

>PhEXPB-17

CAATCTCCATGCCATGTCTGGGTTTTTCCAACAAGGGCAAGCATAAACCCCTGTTC
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