

IDENTIFICATION

Species: *Panicum hallii*

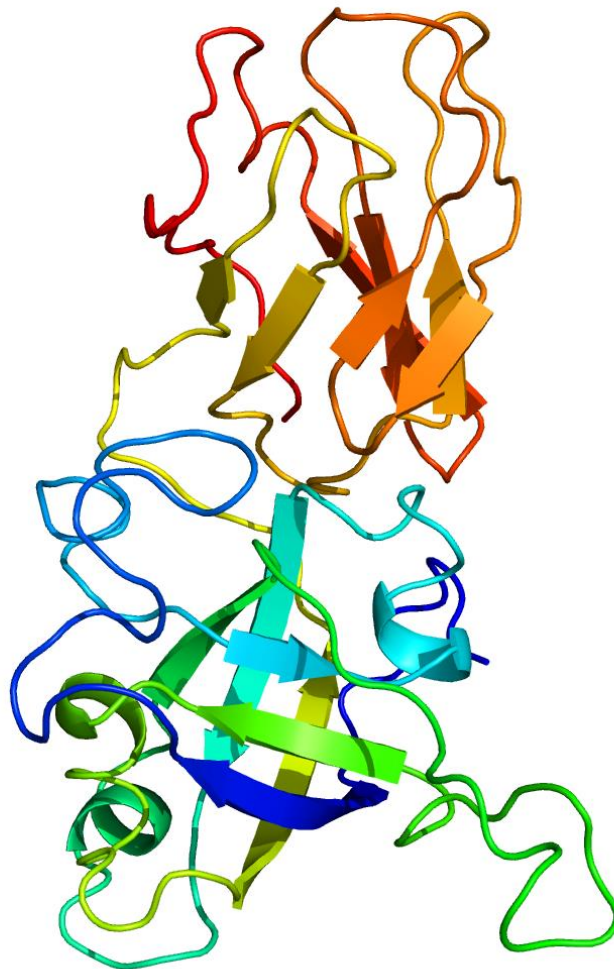
Locus: Pahal.9G600400

Gene Model: Pahal.9G600400.1.p

Description: PhEXPA-35

Family: Alpha Expansin

3D structure:



GENOME DATABASES

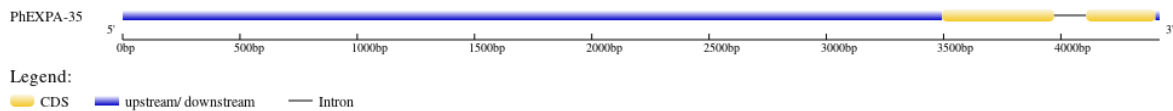
Phytozome: https://phytozome-next.jgi.doe.gov/info/Phallii_v3_1

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

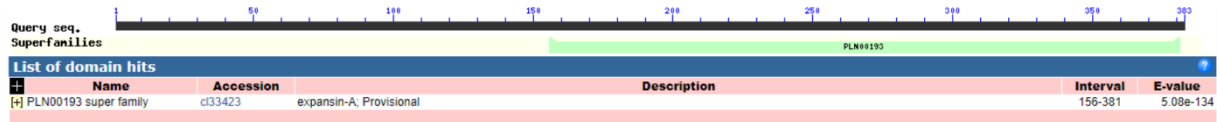
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhEXPA-35

MAGSAGCRAEESFFEMPMERRRERLFVRGEKEVMRNRVAFKAARRSVWVRHASAC
ESAPGSVRASSASPVA AFLFKHRRDHRHLP HSSVITSPAGLVLYPPTLRRACPPTHWP
ATAGESESLGRLPIDMARKVSSCHSLVVFVAASLAATARA AWIRGSATFYGGADAS
GTMGGACGYGNLYSTGYGTNTAALSSSLFKDGASC GECYQVMCDQQNSQWCRPGV
TVTVTATNLCPPDWSKPNNNGGWCNPPRQHFDMAQPAWEKIGVYRGGYVPVMYQ
RVSCSRSGGVRFTINGNNYFELVLITNVAGPGLKSAQIRGTRTGWVTMSRNWGAN
WQANNYLKQSQSISFRATATNGQTLFEGNVAGPNWQFGQTFTNGQNFY*

CDS (coding sequence)

>PhEXPA-35

ATGGCGGGGTCGGCCGGCTGCAGAGCAGAAGAATCTTTCTTCGAAATGCCAATG
GAACGGAGGAGGGAGAGACTTTTTGTACGGGGGGAGAAGGAGGTGATGAGGAA
TCGTGTGGCATTAAAGGCGGCACGGCGCAGCGTCTGGGTGCGGCATGCATCGGCA
TGTGAGTCCGCGCCGGGTCCGTGCGCGCAGCTCCGCCTCCCCCGTCGCCGCAT
TCCTATTTAAGCACCGCCGCGATCACCGCCATCTTCCTCACTCATCAGTCATCACC
TCTCCGGCCGGTCTAGTACTCTATCCTCCACATTGCGTCGAGCGTGCCACCCAC
ACACTGGCCTGCGACTGCAGGAGAGAGCGAGAGCCTAGGTAGATTGCCAATCGA
CATGGCGCGCAAGGTATCGTCGTGCCACTCGCTGGTGGTTGTCTTCGTCGCCGCG
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Nucleotide

>PhEXPA-35

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