

IDENTIFICATION

Species: *Panicum hallii*

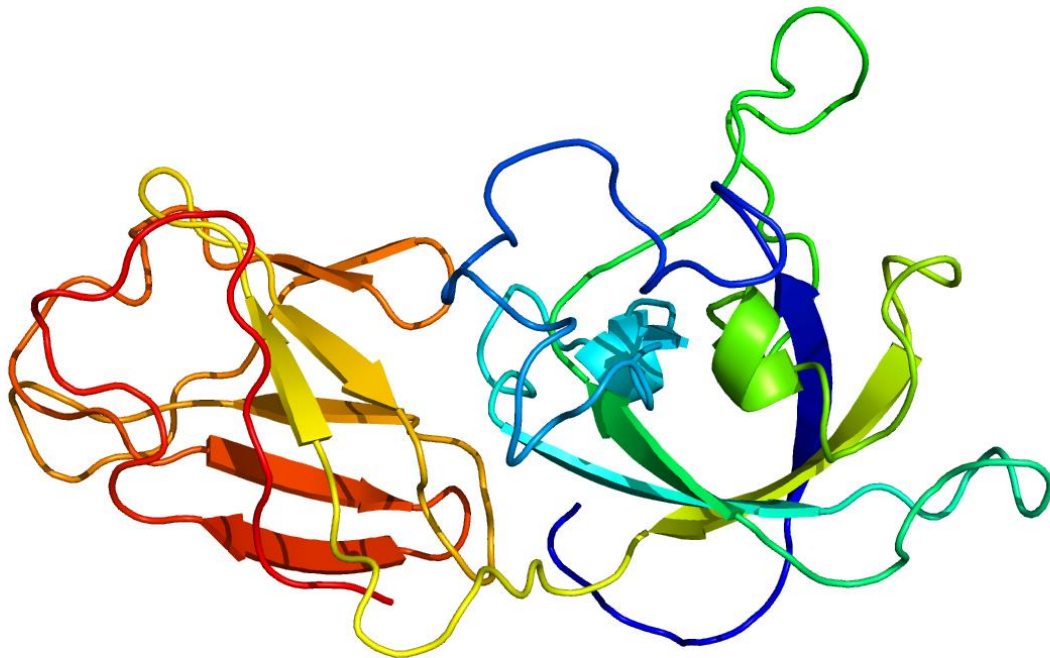
Locus: Pahal.3G240700

Gene Model: Pahal.3G240700.1.p

Description: PhEXPA-09

Family: Alpha Expansin

3D structure:



GENOME DATABASES

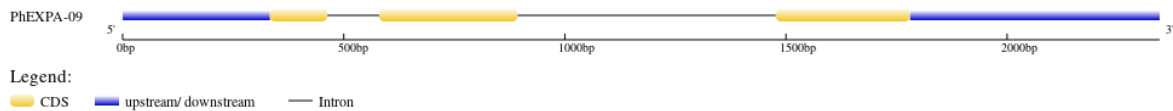
Phytozome: https://phytozome-next.jgi.doe.gov/info/Phallii_v3_1

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

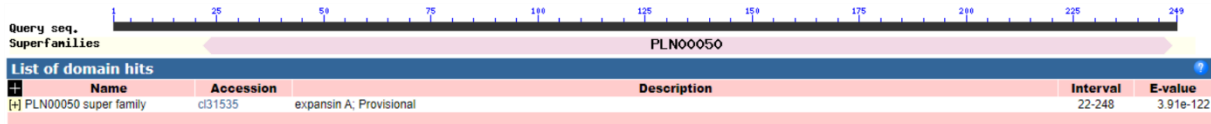
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhEXPA-09

MAGAGALLLVLSLLAREAAGGYGGWQSAHATFYGGGDASGTMGGACGYGNLYS
SGYGTNTAALSTALFNDGAACGSCYELRCQNAGGSCLPGSITVTATNFCPPNYGLPS
DDGGWCNPPRPHFDMAEPAFLHIAQYRAGIVPVAFRRVPCVKKGGIRFTINGHSYFN
LVLVTNVAGAGDVRVSIRGTRTGWQPMSRNWQNWQSN AFLDQALS FQVTASD
GRTVTSNNAAPRGWQFGQTFEGAQF*

CDS (coding sequence)

>PhEXPA-09

ATGGCCGGCGCCGGCGCCCTCCTCCTCGTCCTCAGCCTCCTCGCCC GGGAGGCCG
CGGCCGGCGGCTACGGCGGGTGGCAGAGCGCGCACGCCACGTTCTACGGCGGCG
GCGACGCGTCCGGCACAATGGGCGGCGCGTGC GGGTACGGCAACCTGTACAGCA
GCGGGTACGGCACGAACACGGCGGCCCTGAGCACGGCTCTGTTCAACGACGGCG
CTGCGTGC GGGTCTGCTACGAGCTGCGGTGCCAGAACGCGGGGGGTTCTGTGCT
GCCGGGCTCCATCACCGTGACGGCCACCAACTTCTGCCCGCCCACTACGGCCTC
CCCAGCGACGACGGCGGCTGGTGCAACCCGCCGCGCCCGCACTTCGACATGGCC
GAGCCGGCCTTCTCCACATCGCCAGTACCGCGCCGGCATCGTGCCCGTCGCCT
TCAGGAGGGTGCCGTGCGTGAAGAAGGGCGGGATCCGTTTACCATCAACGGGC
ACTCGTACTTCAACCTGGTGCTGGTGACCAACGTGGCGGGCGCCGGCGACGTGCG
GTCCGTCTCCATCCGGGGCACCCGCACGGGGTGGCAGCCCATGTCCCGGAACTGG
GGCCAGAACTGGCAGAGCAACGCGTTCCTCGACGGCCAGGCGCTCTCCTTCCAGG
TCACCGCCAGCGACGGCCGCACCGTCAACAGCAACAACGCGGGCGCCGCGCGGGT
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Nucleotide

>PhEXPA-09

CCGGGCACGTCACTCCCTCCGGCCTCGGCTTTC ACTTCGCCTCTGCCTTTATGGCC
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AGCTTCTCGTGGTGTAATTGTGGAAGGGTACAGTGG