

IDENTIFICATION

Species: *Panicum hallii*

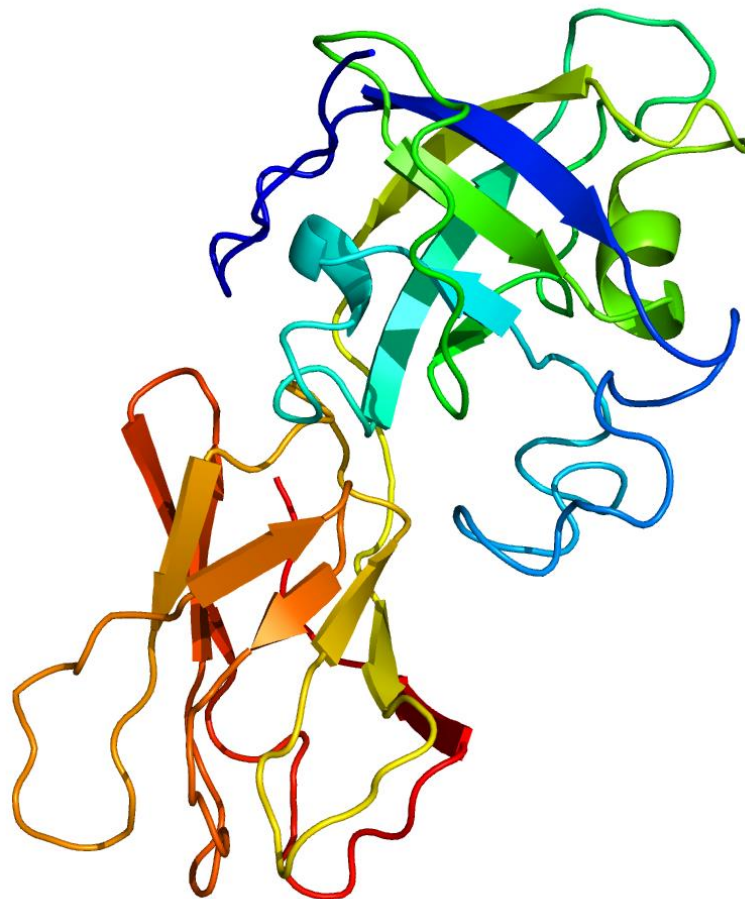
Locus: Pahal.2G376000

Gene Model: Pahal.2G376000.1.p

Description: PhEXPA-08

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>

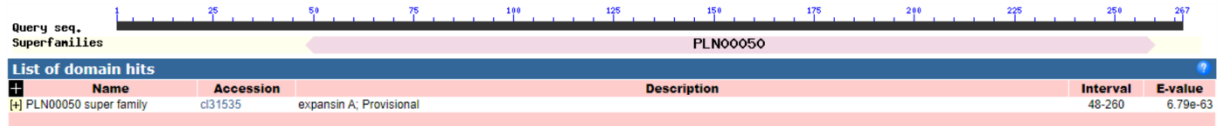
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhEXPA-08

MSAGSPWTMAPPLLASLVLAGLALLLAPGVAEGKPHVNHGKFKDGPWTVGHATF
YGGRDGSGTTNGGACGFKDELAKDYGALTA AVSPALYSEGAGCGACYEVKGPEEG
GGGGPNKSVVVVTATNQAPPPVSGQKGEHFDLTMPAFLQIAEEKAGIVPISYRRVAC
VRQGGIRYTITGNKNYNMVMVTNVGGEGDVVALSVKGNKRVKWTPMKRSWGQL
WTTEVDLTGESLTYRVMTGDRKATSWHVMPRDWQFGKTYQATKNF*

CDS (coding sequence)

>PhEXPA-08

ATGTCTGCAGGTTTCGCCGTGGACTATGGCGCCGCCCTCTCCTCGCGTCGCTGGT
GCTCGCCGGGCTCGCGCTGCTGCTGGCCCCGGCGTCGCGGAGGGCAAGCCCCAC
GTGAACCACGGCAAGTTCAAGGATGGCCCGTGGACGGTTCGGGCACGCGACGTTT
TACGGCGGGCGCGACGGGTCCGGCACCAACGAACGGCGGCGCGTGCGGGTTCAAG
GACGAGCTGGCCAAGGACTACGGCGCACTGACGGCGGCAGTGAGCCCGGCGCTG
TACAGCGAGGGCGCCGGGTGCGGGCGCTGCTACGAGGTGAAGGGCCCGGAGGAG
GGCGGCGGCGGCGGCGGCCCAACAAGTCCGTGGTGGTGACGGCCACCAACCAG
GCCCCGCCGCGGTCAGCGGGCAGAAGGGAGAGCACTTCGACCTCACCATGCCG
GCGTTCCTCCAGATCGCCGAGGAGAAGGCCGGCATCGTGCCCATCTCCTACCGCA
GGGTGGCGTGCGTGAGGCAAGGCGGGATCCGGTACACGATCACGGGGAACAAGA
ACTACAACATGGTGATGGTGACGAACGTGGGCGGCGAGGGGGACGTGGTGGCGC
TGTCGGTGAAGGGCAACAAGCGCGTCAAGTGGACGCCGATGAAGCGCAGCTGGG
GGCAGCTGTGGACGACGGAGGTTCGACCTACCGGCGAGTCGCTGACGTACCGGG
TCATGACCGGCGACCACCGCAAGGCCACCTCCTGGCACGTCATGCCGCGCGACTG
GCAGTTCGGAAAGACCTACCAGGCGACCAAGA AACTTCTAG

Nucleotide

>PhEXPA-08

AGTGGCCTAAGCAGCGGCATGTGCTAGCCAGAGGCAGAGGTCACAGTCTCCTCTC
CTCTTTCCCTCCCTCGCTCTCTACTACTCGACGCCATCGCCATGGCCGTCTTCCTCT
GTTTCTTCCCTGGTGTCTCGTCGCTCCTGCTCCGCCGCCGGCGACGAGAGGTGC
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GAGCAACCGTACCGACTTCCTGCTCGGAGGGCCAGCTTTCGCGGGCCTGGCCAAG
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