

IDENTIFICATION

Species: *Panicum hallii* HAL

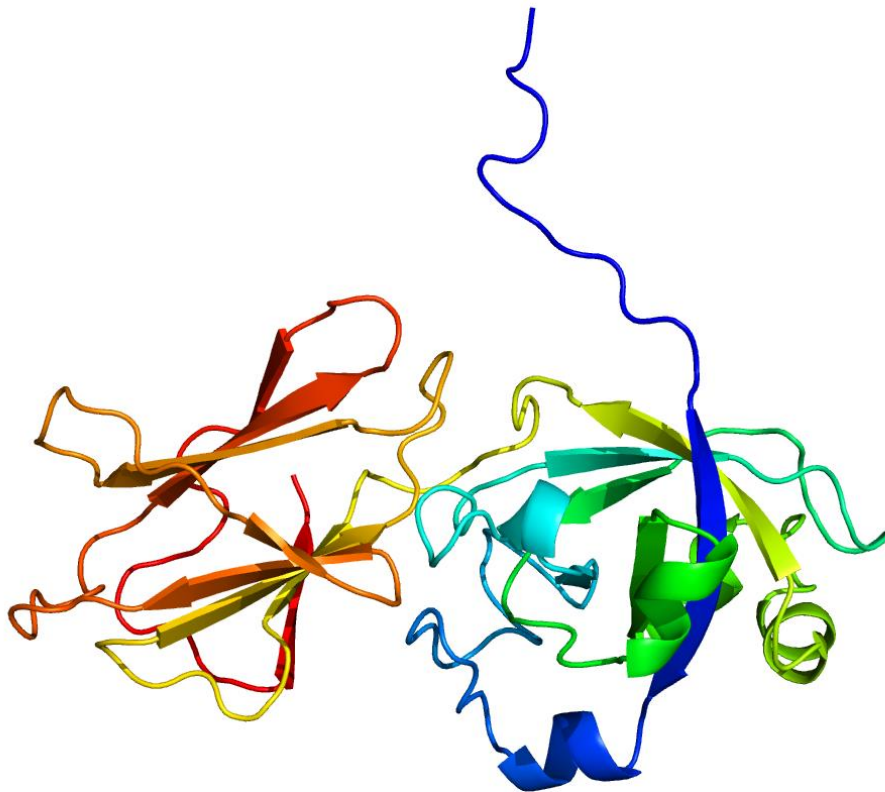
Locus: PhHAL.7G237800

Gene Model: PhHAL.7G237800.1.p

Description: PhhEXPB-14

Family: Beta Expansin

3D structure:



GENOME DATABASES

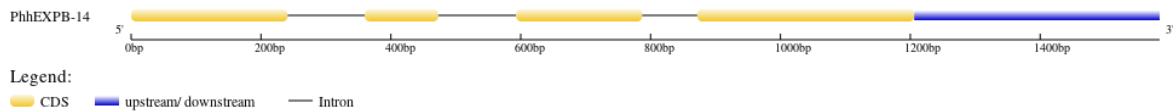
Phytozome: https://phytozome-next.jgi.doe.gov/info/PhalliiHAL_v2_1

KEGG:-

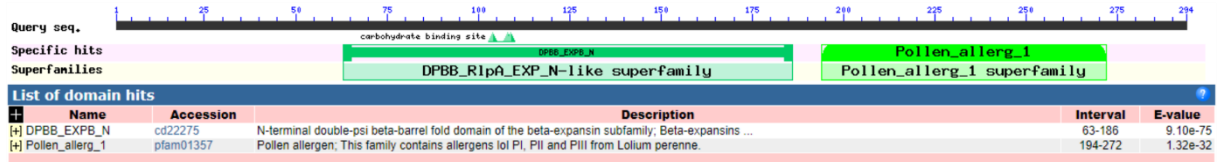
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhhEXPB-14

MATSSPSAFRYALASVILSLLVSTISCDDGAPEESRVEHPQRQNDTTGGSRRGLWAPA
 RGYGWSYGGATWYGSPYGAGSDGGACGYQGAVSQRPFRRSMIAAGGPSLFKNGKGC
 GACYQIKCTGNRACSGRPVTVTITDSCPGGACLAESAHFDMMSGTAFGAMANRGMAD
 RLRSAGILKIQYKRVPCYNGMAINFKVDAGSNPYLAVLVMYVSGDGDVAKVDV
 MQAGCNSWTPMQQSWGAVWRVNSNDGKPLRAPFSVRITSGSGKVLVARNAIPAGW
 GAGATYRSTVNYGY*

CDS (coding sequence)

>PhhEXPB-14

ATGGCCACCAGTAGTCCAAGCGCGTTCCGGTATGCCCTGGCGTCAGTGATCCTAT
 CTCTTCTTGTGAGCACCATCTCCTGCGACGACGGAGCTCCGGAGGAATCCAGGGT
 CGAGCACCCGCAGCGGCAGAACGACACCACGGCGGCAGCAGGAGGGGCTCTG
 GGCGCCGGCCCGGGGCTACGGCTGGTCTACGGCGGTGCCACGTGGTACGGCAG
 CCCGTACGGCGCCGGCAGCGACGGTGGCGCGTGCGGTTACCAGGGCGCCGTCAG
 CCAGCGCCCCTTCAGGTCCATGATCGCCCGCGGGCCCTCCCTCTTCAAGAAC
 GGCAAAGGATGCGGCGCGTGCTACCAGATTAAGTGCACCGGCAACAGGGCCTGC
 TCCGGCCGGCCGGTGACCGTCACCATCACCGACTCCTGCCCGGGCGGCGCCTGCC
 TCGCCGAGTCGGCGCACTTCGACATGAGCGGCACGGCCTTCGGCGCCATGGCCAA
 CCGCGGCATGGCCGACCGCCTCCGCTCCGCCGGAATCCTCAAGATCCAGTACAAG
 AGGGTTCCGTGCAAGTACAACGGCATGGCCATCAACTTCAAGGTGGACGCGGGC
 TCCAACCCTACTACCTCGCCGTGCTGGTCATGTACGTGAGCGGCGACGGCGACG
 TCGCCAAGGTGGACGTCATGCAGGCCGGCTGCAACTCGTGGACGCCGATGCAGC
 AGTCGTGGGGCGCCGTGTGGCGCGTCAACTCCAACGACGGCAAGCCGCTGCGCG
 CGCCCTTCTCGGTCCGCATCACCTCGGGCTCCGGCAAGGTGCTCGTCGCCAGGAA
 CGCCATCCCCGCGGGCTGGGGCGCCGGGGCGACCTACAGGTCCACGGTGAAC
 CGGCTACTGA

Nucleotide

>PhhEXPB-14

ATGGCCACCAGTAGTCCAAGCGCGTTCCGGTATGCCCTGGCGTCAGTGATCCTAT
CTCTTCTTGTGAGCACCATCTCCTGCGACGACGGAGCTCCGGAGGAATCCAGGGT
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GGCGCCGGCCCGGGGCTACGGCTGGTCCTACGGCGGTGCCACGTGGTACGGCAG
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CGGCAACAGGGCCTGCTCCGGCCGGCCGGTGACCGTCACCATCACCGACTCCTGC
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TCGGCGCCATGGCCAACCGCGGCATGGCCGACCGCCTCCGCTCCGCCGGAATCCT
CAAGATCCAGTACAAGAGGTGTGCCATTTACTGAGTTTCAACTGACGACAATTCC
ATGGCTAGTGATGATAATGCACATGTAAGTAAAAGGTGCTGTGTGTAGGGTTCCG
TGCAAGTACAACGGCATGGCCATCAACTTCAAGGTGGACGCGGGCTCCAACCCCT
ACTACCTCGCCGTGCTGGTCATGTACGTGAGCGGCGACGGCGACGTCCGCAAGGT
GGACGTCATGCAGGCCGGCTGCAACTCGTGGACGCCGATGCAGCAGTCGTGGGG
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