

IDENTIFICATION

Species: *Panicum hallii* HAL

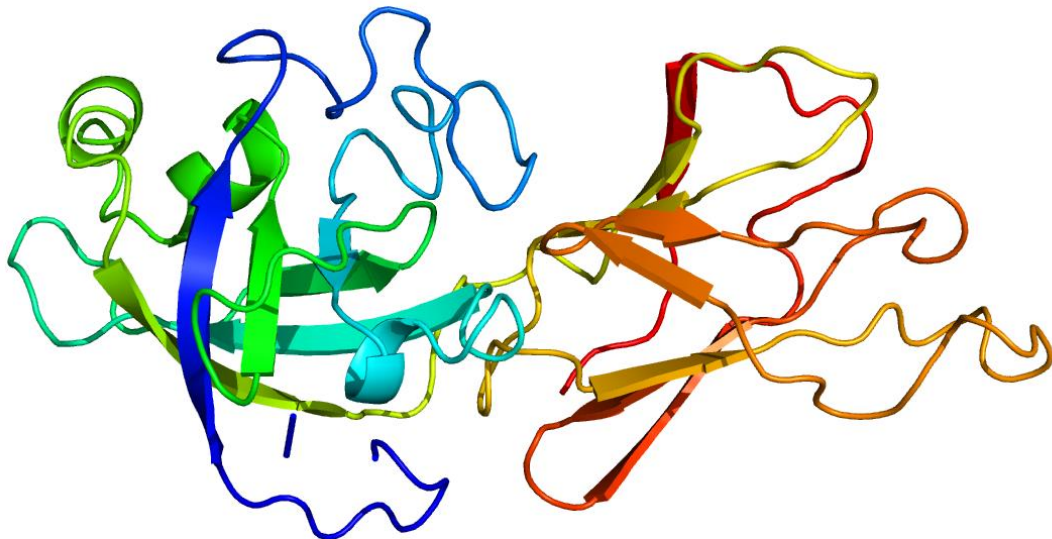
Locus: PhHAL.9G402700

Gene Model: PhHAL.9G402700.1.p

Description: PhhEXPB-17

Family: Beta Expansin

3D structure:



GENOME DATABASES

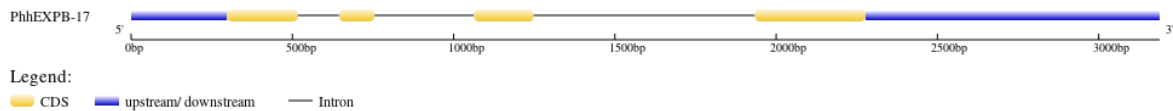
Phytozome: https://phytozome-next.jgi.doe.gov/info/PhaliiHAL_v2_1

KEGG:-

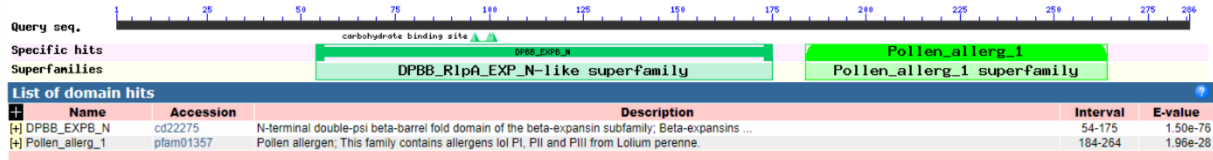
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhhEXPB-17

MGAPSSLPAAAALLLSLLAGVHCREAQLDVGGAAGAETYNASDAAVYWGPW
QKARATWYQGPNAGPDDNGGACGFKHTNQYPMMSGCGNQPLFKDGGKCGSC
YKIRCTKDKSCSGKAETVIITDMNYYVPVSKYHFDLSGTAFGRLLAKPGLNDKLRHSGII
DIEFTRVPCEFPGLKIGFHVVEEYSNPVYFAVLVEYEDGDGDVVQVDLMESKTAHGPA
TGRWTPMRESWGNIWRLDTNHRMQAPFSIRIRNESGKTLVAHNVIPANWRPNTFYRS
FVQYS*

CDS (coding sequence)

>PhhEXPB-17

ATGGGCGCCCCCTCCTCCCTCCCCGCCGCGGCGGCGCTCCTGCTCCTGAGCCTCCT
CGCCGGCGTGCACCTGCCGCGAGGCCAGCTCGACGTCGGCGGGCGCCGACGCGGC
CGGCGCCGAGACCTACAACGCCAGCGACGCCGCGTGTACTGGGGCCCCTGGCA
GAAGGCCCGCGCCACCTGGTACGGCCAGCCCAACGGCGCCGGCCCCGACGACAA
CGGTGGTGCCTGCGGCTTCAAACACACCAACCAGTACCCGTTTCATGTCCATGGGG
TCCTGCGGCAACCAGCCATTGTTCAAGGACGGCAAGGGCTGCGGCTCCTGCTACA
AGATTCGGTGCACCAAGGACAAGTCCCTGCTCCGGCAAGGCGGAGACGGTGATCA
TCACCGACATGAACTACTACCCGGTGTCCAAGTACCACTTCGACCTCAGCGGCAC
CGCGTTCGGCCGGCTCGCCAAGCCCGGCCTCAACGACAAGCTCCGCCACTCGGGC
ATCATCGACATCGAGTTCACCAGGGTGCCGTGCGAGTTCCTCGGGCCTGAAGATCG
GTTTCCACGTGGAGGAGTACTCGAACCCCGTCTACTTCGCGGGTGTCTCGTTCGAGTA
CGAGGACGGCGACGGCGACGTGGTGCAGGTGGACCTGATGGAGTCGAAGACGGC
GCACGGGCGGCGACGGGGCGGTGGACGCCGATGCGCGAGTCCTGGGGCAACAT
CTGGCGCCTCGACACCAACCACCGCATGCAGGCGCCCTTCTCCATCCGCATCCGC
AACGAGTCCGGCAAGACGCTCGTCGCCACAACGTCATCCCGGCCAACTGGAGG
CCCAACACCTTCTACCGCTCCTTCGTCCAGTACAGCTGA

Nucleotide

>PhhEXPB-17

CGGCCCCGGCTCGGTTCGACTGGACTGAGCCCCAGCCAGGGCCATGTGCGCCCC
AACATGGCACGTTCTCCCTCGCTCCTCTCTGCTCACTCACTGCGTCCACACACACA

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