IDENTIFICATION

Species: *Panicum hallii HAL*

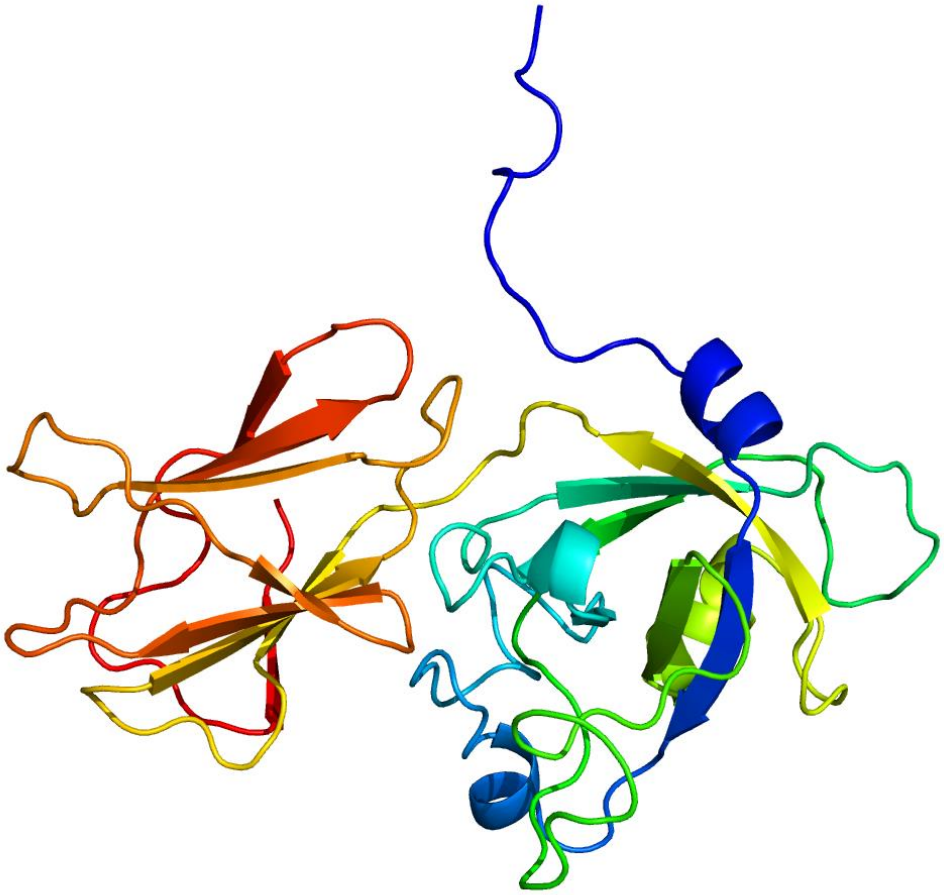
Locus: PhHAL.6G292000

Gene Model: PhHAL.6G292000.1.p

Description: PhhEXPA-18

Family: Alpha Expansin

3D structure:



GENOME DATABASES

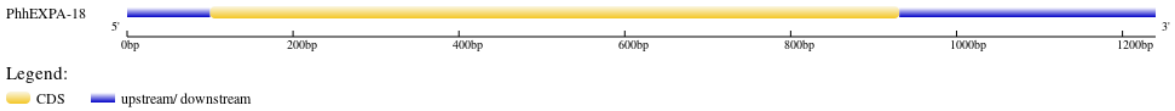
Phytozome: https://phytozome-next.jgi.doe.gov/info/PhalliiHAL_v2_1

KEGG:-

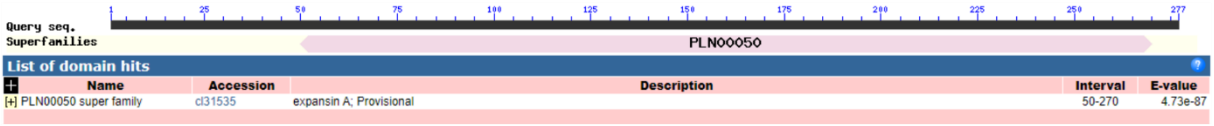
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhhEXPA-18

MAPPPAGLVVSLLLAAVASAGVANAGGAKALTPGGRVVHHNHGKFTAGPWKPAHA
TFYGGRDGSGTTAGACGYKDTRAEGYGVQTVAVSPVLFGDGAACGGCYEVRCVDS
PDGCKAGTAAVVVTATNLCPPNYQQSGDNGGWCNPPREHLDLSMPAFLQIAQEKAG
IVPVSYRRVACVKQGGIRYTITGNKYFNMVMVTNVGGAGDLAAVSVKGSKRVKWT
ELKRNWGQVWQTGEDLTGESLTFRLMTSDHRKATSWHVLPTDWQFGVTYQADKNF
*

CDS (coding sequence)

>PhhEXPA-18

ATGGCGCCACCGCCGGCGGGACTCGTCGTGTCGCTGCTGCTGGCCGCCGTCGCGT
CGGCCGGCGTCGCGAACGCGGGCGGCGCTAAGGCCCTGACGCCAGGCGGGCGCG
TGGTGCACCACAACCATGGCAAGTTCACGGCCGGCCCGTGGAAGCCGGCGCACG
CGACCTTCTACGGCGGGCGCGACGGGTCCGGCACGACGGCGGGCGCGTGCGGGT
ACAAGGACACCCGGGCGGAGGGGTACGGCGTACAGACGGTGGCCGTGAGCCCGG
TGCTGTTCGGCGACGGCGCGGCGTGCGGCGGGTGCTACGAGGTGCGGTGCGTGG
ACAGCCCCGACGGGTGCAAGGCCGGCACGGCGGCGGTGGTGGTGACGGCGACGA
ACCTGTGCCCGCCCAACTACCAGCAGTCGGGCGACAACGGCGGGTGGTGCAACC
CGCCGCGGGAGCACTTGGACCTGAGCATGCCGGCGTTCCTGCAGATCGCGCAGG
AGAAGGCCGGCATCGTGCCGGTGTCGTACCGGCGGGTGGCGTGCGTGAAGCAGG
GCGGCATCCGGTACACCATCACCGGGAACAAGTACTTCAACATGGTGATGGTGAC
GAACGTGGGCGGCGCCGGCGACCTGGCGGCGGTGTCGGTGAAGGGGAGCAAGCG
CGTCAAGTGGACGGAGCTGAAGCGCAACTGGGGGCAGGTGTGGCAGACCGGGGA
GGACCTCACCGGCGAGTCGCTGACGTTCCGGCTGATGACCAGCGACCACCGCAA
GGCCACCTCCTGGCACGTGCTCCCCACGGACTGGCAGTTCGGCGTCACCTACCAG
GCCGACAAGAACTTCTAG

Nucleotide

>PhhEXPA-18

AGAAACCTCGTCGCATCGAAGAAGAGATTGTAGGTAATAATAATCGATCAAATT
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CCGCCGGCGGGACTCGTCGTGTCGCTGCTGCTGGCCGCCGTCGCGTCGGCCGGCG

TCGCGAACGCGGGCGGCGCTAAGGCCCTGACGCCAGGCGGGCGCGTGGTGCACC
ACAACCATGGCAAGTTCACGGCCGGCCCGTGGAAGCCGGCGCACGCGACCTTCT
ACGGCGGGCGCGACGGGTCCGGCACGACGGCGGGCGCGTGCGGGTACAAGGACA
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CGCCCAACTACCAGCAGTCGGGCGACAACGGCGGGTGGTGCAACCCGCCGCGGG
AGCACTTGGACCTGAGCATGCCGGCGTTCCTGCAGATCGCGCAGGAGAAGGCCG
GCATCGTGCCGGTGTCGTACCGGCGGGTGGCGTGCGTGAAGCAGGGCGGCATCC
GGTACACCATCACCGGGAACAAGTACTTCAACATGGTGATGGTGACGAACGTGG
GCGGCGCCGGCGACCTGGCGGCGGTGTCGGTGAAGGGGAGCAAGCGCGTCAAGT
GGACGGAGCTGAAGCGCAACTGGGGGCAGGTGTGGCAGACCGGGGAGGACCTCA
CCGGCGAGTCGCTGACGTTCCGGCTGATGACCAGCGACCACCGCAAGGCCACCTC
CTGGCACGTGCTCCCCACGGACTGGCAGTTCGGCGTCACCTACCAGGCCGACAAG
AACTTCTAGTCATCACCTGATCCACAGCCATTGCAGATCGATCGAGCTGATGAGC
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ATGAAAGTAGTGGAGCTGAGGACTCGAGAATATTCCGAACTC