

IDENTIFICATION

Species: *Panicum hallii* HAL

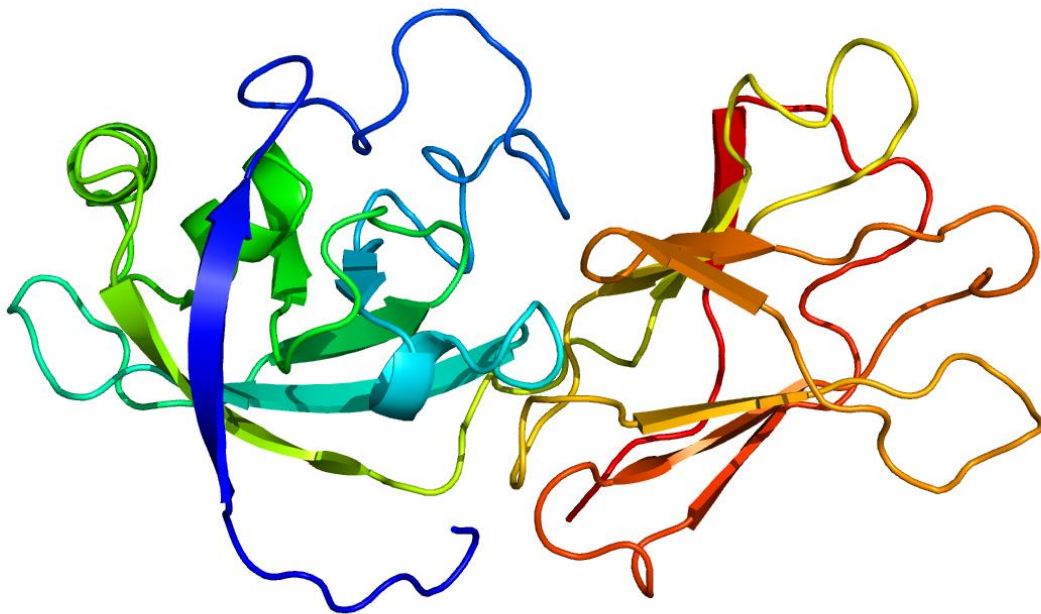
Locus: PhHAL.2G358600

Gene Model: PhHAL.2G358600.1.p

Description: PhhEXLA-01

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

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

KEGG:-

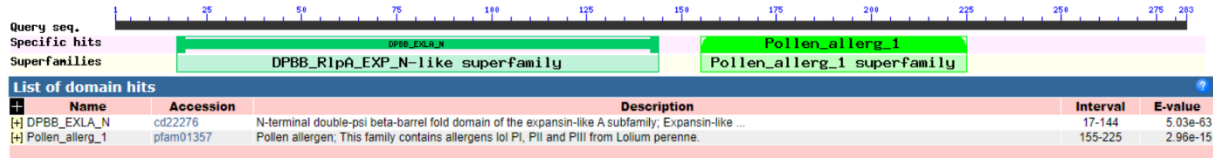
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhhEXLA-01

MAVFLCFFLVLVVASCSAAGDERCVRQGKAAYAPSLSPLPQGSVCGYGAMAAEIN
GGFLAAGGPKQHRGGLGCGRCFQVRCRDAKLCSSRGVVRVLTDFHRSNRTDFLLGG
PAFAGLAKPGMAHELKRLDTLSVEYKRIPCDYKDKNLSILVEEESKRPSNLVVKFLY
QGGQTDILAVDVAAVGSSEWRFMTRVVRGPVWRTDRVPAGPLQFRAVVTGGYDVK
WVWAEREVLPAWRPGQVYDTGVRIADVARDGCQAAPPPRWAGSKDQQLGRQIH
HSTD*

CDS (coding sequence)

>PhhEXLA-01

ATGGCCGTCTTCCTCTGTTTCTTCCTGGTGCTCGTCGTCGCCTCCTGCTCCGCCGCA
GGCGACGAGAGGTGCGTGCGGCAGGGGAAGGCCGCATACGCGCCCTCGCTGTCC
CCGCTCCCAGGAGGCAGCGGAGTCTGCGGGTACGGCGCCATGGCCGCGGAGATC
AATGGGGGCTTCCTCGCCGCCGGGGACCCAAGCAGCACCGCGGAGGGCTCGGC
TGCGGGAGGTGTTTCCAGGTGAGATGCAGAGACGCAAAGCTGTGCAGCAGCCGG
GGAGTGCGGGTTCGTGCTACCGACTTCCACAGGAGCAACCGTACCGACTTCTGCT
TCGGAGGGCCAGCTTTCGCGGGCCTGGCCAAGCCCGGGATGGCCCACGAGTTGA
AGAGGCTGGATACTCTCTCCGTAGAGTACAAGAGAATTCCCTGCGACTACAAGGA
CAAGAACCTGTCCATACTCGTGGAGGAAGAGAGCAAGCGTCCAAGCAACCTGGT
CGTCAAGTTCCTCTACCAGGGCGGCCAAACCGACATCCTGGCGGTGGACGTGGCT
GCGGTGGGGTTCGTGCGGAGTGGCGGTTTCATGACGCGGGTCCGCGGGCCGGTGTGG
CGCACGGACCGGGTCCCCGCCGGCCCGCTGCAGTTCCGGGGCCGTGGTACGGGGC
GGTACGACGGCAAGTGGGTGTGGGCCGAGCGGGAGGTGCTCCCGGCGGACTGGC
GGCCGGGGCAGGTCTACGACACCGGCGTCCGGATCGCCGACGTGGCCAGGGACG
GCTGCCAGGGCGGCGCCGCCCGCGCTGGGCTGGAAGTAAGGACGGCCAGCTGC
TGGGTAGACAGATACACCATAGTACAGACTAA

Nucleotide

>PhhEXLA-01

ACAGTGGCCTAAGCAGCGGCATGTGCTAGCCAGAGGCAGAGGTCACAGTCTCCT
CTCCTCTTTCCCTCCCTCGCTCTCTACTACTCGACGCCATCGCCATGGCCGTCTTCC

TCTGTTTCTTCCTGGTGCTCGTCGTCGCCTCCTGCTCCGCCGCAGGCGACGAGAGG
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ATCATCCATCATCCCTTGTTCTGCTGTTTCATCGAAGCCAGTGTAGGGCCACATGAT
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ACTACACCGTGTTTCGTCCTTGCTACAAGGAATGAGTTCCAGCGACGGACCAAAC
AACTTCCATGC