

IDENTIFICATION

Species: *Panicum hallii* HAL

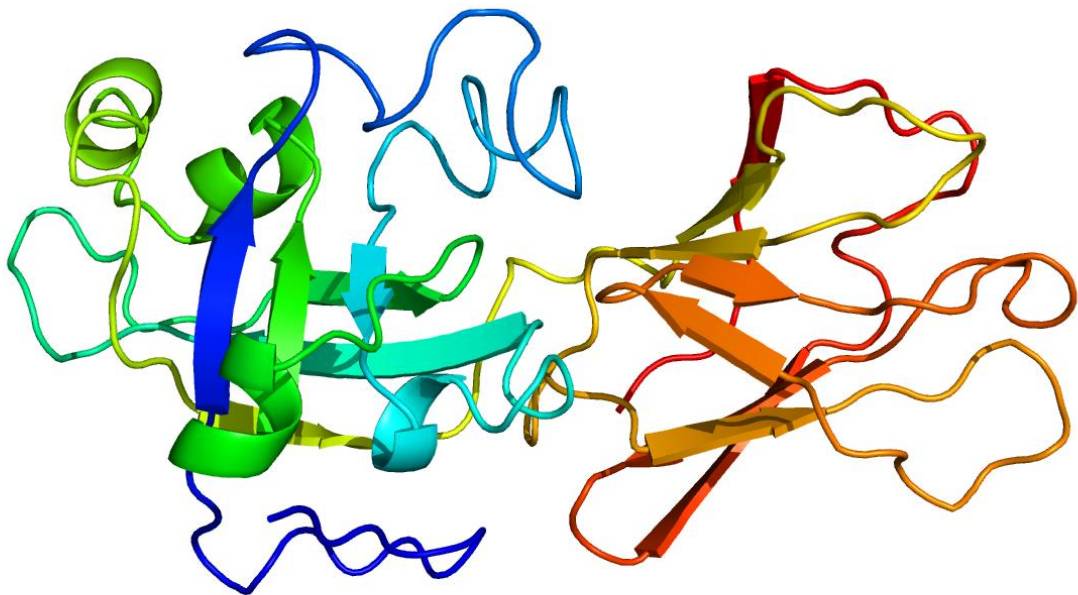
Locus: PhHAL.2G111400

Gene Model: PhHAL.2G111400.1.p

Description: PhhEXPB-06

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

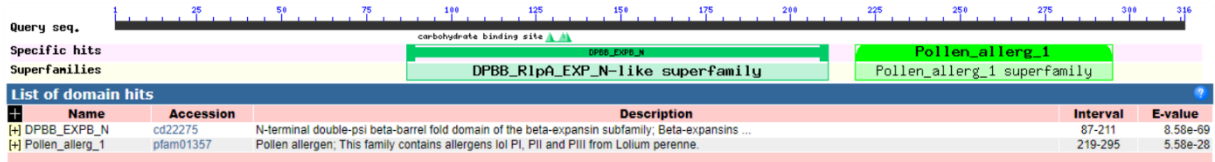
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhhEXPB-06

MAKLFTLLLA AVVVL SLLV SPIACTRKL SKPKHKAKPKPVS HRTPAPA AKPKPNVSY
 KPAAPAVAKPPRSNHTTKHSPSIVYGGAWLSGAGATYYGAPNGDGS DGGACGYQTA
 VGKQPFDSMIAAGSTPLYMDGEGCGACYEVKCTTNAACSGQPATIVITDRSPGDLFP
 GEVVHFDMSGTAMGAMAKPGMADKLRAGGVLRILYRRVPCKYPGVNVAFKVDQG
 ANPFYFDVLI EFEDDDGDLKAVDLMEAGSNVWTPMAHNWGATWRLNNGRKL NAF
 GLRLTSDSGRVLVANNAIPAAWKPGKAYRSLVNYP*

CDS (coding sequence)

>PhhEXPB-06

ATGGCGAAGCTTTTCACATTGCTGTTGGCCGCGGTGGTCGTGCTCTCGCTCCTGGT
 GAGCCCCATTGCCTGCACCCGCAAGCTCAGCAAGCCCAAGCACAAGGCAAAGCC
 AAAGCCGGTCAGCCACAGGACGCCGGCGCCTGCGGCCAAGCCGAAGCCGAACCC
 GGTCAGCTACAAGCCGGCGGCCTGCTGTGGCCAAGCCTCCCCGCAGCAACCAC
 ACCACTAAGCACTCGCCGTCGATCGTCTACGGCGGTGCCTGGCTGTCCGGCGCCG
 GCGCCACGTACTACGGCGGCCCAACGGCGACGGCAGCGACGGCGGGCGCGTGCG
 GGTACCAGACCGCCGTCGGGAAGCAGCCGTTGACTCGATGATCGCCGCCGGGA
 GCACGCCGCTGTACATGGACGGCGAGGGCTGCGGGCGCCTGCTATGAGGTTAAAT
 GCACGACCAACGCGGCCTGCTCCGGCCAGCCGGCGACCATTGTGATCACCGACCG
 GTCCCCCGGGCAGCTGTTCCCCGGCGAGGTGCTCCACTTCGACATGAGCGGCACC
 GCCATGGGTGCCATGGCGAAGCCCGGCATGGCCGACAAGCTCCGCGCCGGCGGC
 GTCCTGAGGATCCTGTACCGGAGGGTGCCGTGCAAGTACCCCGGTGTGAACGTGC
 CGTTCAAGGTGGACCAGGGTGCCAACCCCTTCTACTTCGACGTGCTCATCGAGTT
 CGAGGACGACGACGGCGACCTCAAGGCCGTCGACCTGATGGAGGCCGGCAGCAA
 CGTGTGGACGCCATGGCGCACA ACTGGGGCGCCACGTGGCGGCTCAACAACGG
 CAGGAAGCTCAACGCGCCGTTCCGGCTCCGGCTCACCTCCGACTCCGGCAGGGTG
 CTCGTCGCCAACAACGCCATCCCCGCCGCTGGAAGCCCGGGAAGGCGTACCGCT
 CCCTGGTCAACTACCCCTGA

Nucleotide

>PhhEXPB-06

AAGCTCACCGGAGAGCAACCGAGCACATAGCTAGAAAGCCTCTGAAATCTGAAT
TGCCAACTCCGATCTTAGGAGCAGCAGCAATGGCGAAGCTTTTCACATTGCTGTT
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CTGGTCCTCGCTAAACAATGCGTCCCTGTTGTGCAGGTAAATGCACGACCAACG
CGGCCTGCTCCGGCCAGCCGGCGACCATTGTGATCACCGACCGGTCCCCCGGCGA
CCTGTTCCCCGGCGAGGTCGTCCACTTCGACATGAGCGGCACCGCCATGGGTGCC
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ACCAGGGTGCCAACCCCTTCTACTTCGACGTGCTCATCGAGTTCGAGGACGACGA
CGGCGACCTCAAGGCCGTCGACCTGATGGAGGCCGGCAGCAACGTGTGGACGCC
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