

IDENTIFICATION

Species: *Panicum hallii*

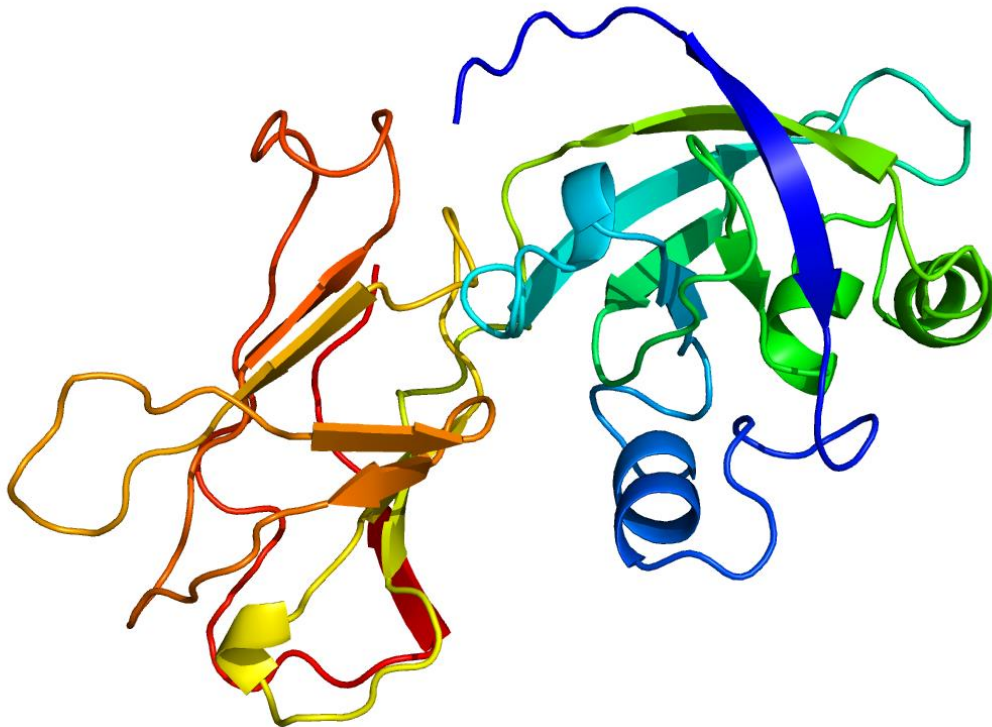
Locus: Pahal.2G379900

Gene Model: Pahal.2G379900.1.p

Description: PhEXLB-01

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

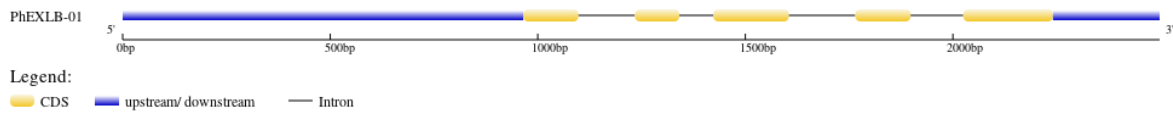
Phytozome: https://phytozome-next.jgi.doe.gov/info/Phallii_v3_1

KEGG: <https://www.genome.jp/entry/T07366>

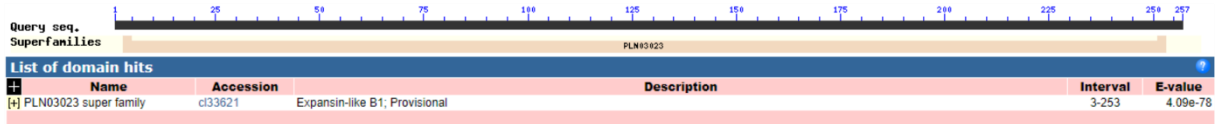
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhEXLB-01

MAFPLRCLPALLYLSVLISKATADANFTVSKAVYYPNSDAKGTETGACEYGAFGATL
NNGDVSAASLYRNGVGCACYQVRCTNPYYCSPSGVTIVITDMSGASDGTDFILSQH
ALAGMGQNKDAGATLLNLGYVGGIEYRRVPCIYPGKNIIFKITESSHFPYYFEFEIWIYQ
QGNQDIIAVQLCEIVNLTQLLSRTHGAVWAAVSPPSGPLSIRMLFSSGAPHGGSQKW
LVPTSIIQNWTAGATYDSGVQVQLQ*

CDS (coding sequence)

>PhEXLB-01

ATGGCTTTTCCCCTCCGTTGCCTCCCAGCTTTGCTTTATCTATCTGTGCTCATCTCC
AAGGCTACTGCAGATGCAAACCTTCACGGTGTGCGAAAGCAGTATACTACCCCAACT
CTGATGCAAAAGGGACCGAAACTGGAGCATGTGAATATGGCGCATTGGGGCAA
CACTCAATAATGGCGATGTTTCAGCATCAGCAAGTCTCTACAGGAATGGGGTAGG
CTGTGGTGCATGCTACCAGGTTAGGTGCACAAATCCTTACTACTGCTCCCAAGT
GGTGTGACAATTGTGATCACAGACTCTGGGGCAAGTGACGGGACCGACTTCATCC
TGAGCCAGCACGCATTGGCTGGTATGGGGCAGAACAAGGACGCTGGTGCAACAC
TGCTGAACCTTGTTATGTTGGAATTGAGTACAGGAGGGTTCCTTGTATCTACCCA
GGCAAGAATATTATATTCAAGATTACTGAGAGCAGCCATTTCCCCTACTATTTTG
AATTTGAAATCTGGTATCAACAAGGCAACCAGGATATCATTGCAGTCCAGCTATG
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GCTGCTGTCTCCCACCAAGTGGCCCTCTGTCCATAAGGATGCTATTTAGCAGCG
GAGCTCCACATGGTGGCAGCCAGAAATGGCTAGTTCCCACAAGCATAAATACCAC
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Nucleotide

>PhEXLB-01

AATTGTTTTCTCATTTCCGCTTTGTTTTCTTTGGGGAGAGGGCAATATCATTTAAA
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