IDENTIFICATION

Species: *Panicum hallii HAL*

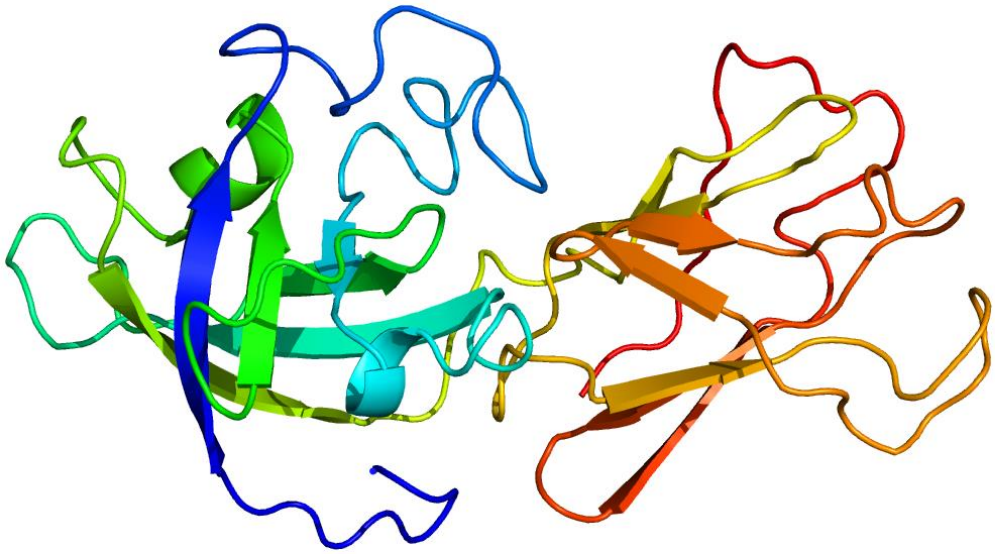
Locus: PhHAL.9G460400

Gene Model: PhHAL.9G460400.1.p

Description: PhhEXPA-30

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

EXTERNAL RESOURCES

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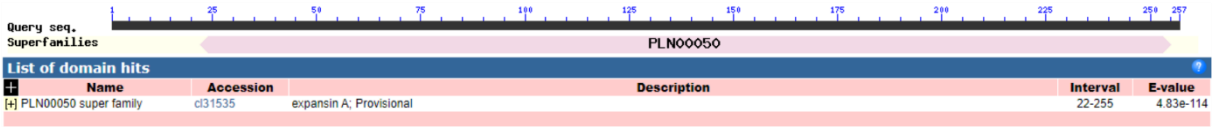
GENE STRUCTURE

DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PhhEXPA-30

MPSLQVLLLLLLALISLSSSARGYGVGRWISAHATFYGGADASGTMGGACGYGDLYS
QGYGTETTALSTALFSGGLSCGACFELRCAGGRGSCAPGGSVVVTATNFCPPNYALP
SGAGGWCNPPLRHFDLSQPAFLRIARYRAGIVPVAYRRVPCRRRGGMRFTVNGHPYF
NLVLVSNVGGAGDVRAVAVRGGAGARARWRGMARNWGQNWQSGARLDGQALSF
RVTTSDRHSVVSYNVAPAGWAFGQTFTGGQFP*

CDS (coding sequence)

>PhhEXPA-30

ATGCCATCACTGCAGGTTCTGCTGCTGCTCTTGCTCGCCCTGATCTCGCTGTCCTC
TTCAGCTCGAGGCTATGGCGTCGGCCGCTGGATCAGTGCGCACGCCACCTTCTAC
GGCGGCGCCGACGCCTCCGGCACGATGGGCGGCGCGTGCGGGTACGGCGACCTG
TACAGCCAGGGTTACGGCACGGAGACGACGGCGCTGAGCACGGCGCTATTCAGC
GGCGGTCTGAGCTGCGGCGCGTGCTTCGAGCTGCGGTGCGCCGGCGGCCGCGGGT
CGTGCGCGCCGGGCGGCTCCGTCGTGGTGACGGCCACCAACTTCTGCCCGCCCAA
CTACGCGCTCCCCAGCGGCGCCGGCGGGTGGTGCAACCCGCCGCTGCGGCACTTC
GACCTGTCGCAGCCGGCGTTCCTCCGCATCGCCCGGTACCGCGCCGGCATCGTCC
CCGTCGCCTACCGCCGGGTGCCCTGCAGGCGGCGGGGCGGCATGCGCTTCACCGT
GAACGGCCACCCCTACTTCAACCTGGTGCTGGTCAGCAACGTGGGCGGCGCCGGC
GACGTGCGCGCCGTGGCCGTGCGGGGCGGCGCAGGCGCCCGGGCGCGGTGGCGG
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CAGGCGCTCTCCTTCAGGGTCACCACCAGCGACCGCCACTCCGTCGTCTCCTACA
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GTAG

Nucleotide

>PhhEXPA-30

CATTCTTAAATCTGCAACTATTCACAGGCTGATTTCTTTTTTTCCTTTTGTTTCTGC
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TGCTTATTTATATTTTATCTTTCTCTGGAAGAGGAAGGGAACTGAACTCAGCCACC
TCATTGCTATCGGAGGAGATCGCTGCTAGCCCAACTACTTCCATCTGAACTAGCA
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TTGCCTTGTACCAACTGAGGTAGCTAGGCTCCGCCACGGACCGAGTGGAGTGTTC
TTCCTCTCAGGTCTCAGCCATGTTTGTTCAAGGCAGAGAAAGTACAGAGAAAGAG
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