

IDENTIFICATION

Species: *Miscanthus sinensis*

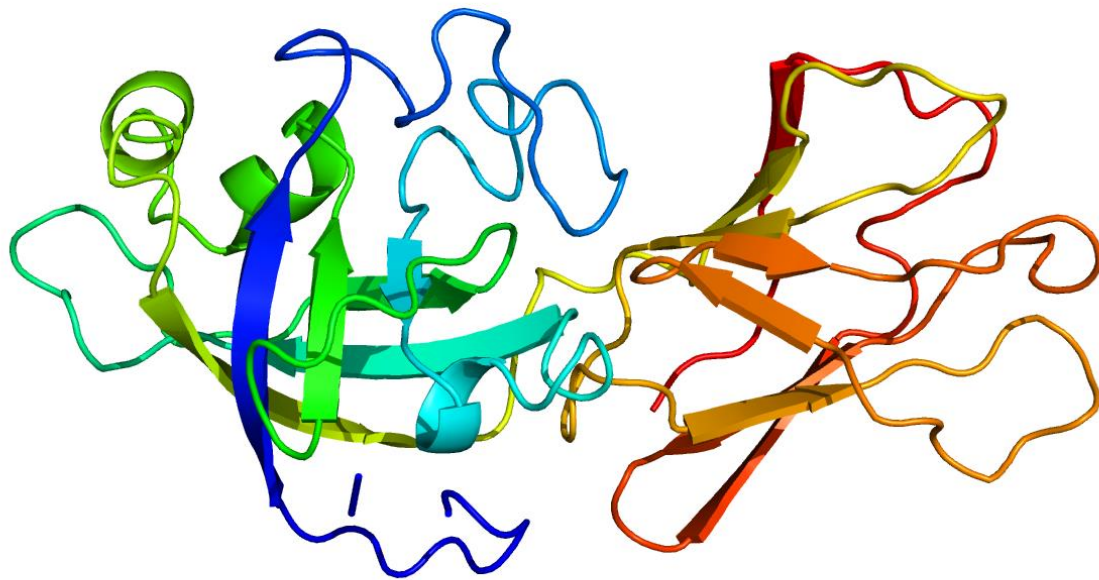
Locus: Misin01G284800

Gene Model: Misin01G284800.1.p

Description: McsEXPB-08

Family: Beta Expansin

3D structure:



GENOME DATABASES

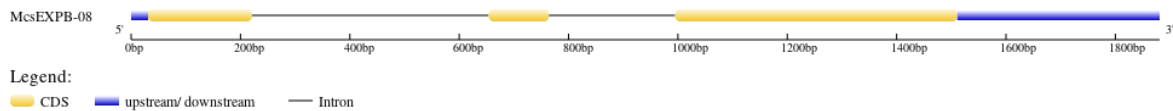
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

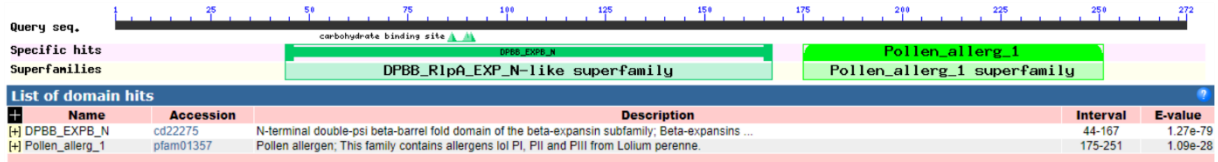
EXTERNAL RESOURCES

<https://grass-genome-hub.southgreen.fr/Genomeassembly/47213>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-08

MAAAGAAALVALLAALVVTHSGASALPVVNNHTSAVRQLRGGGWQAAKATWYG
APNGAGPDDNGGACGFKNTNQYPFMSMTSCGNQPLFQDQGQCGACYQIRCTAKNN
PACSGEVKTVMITDMNYYPVARYHFDSLGTAFGSMARPLNDKLRHAGIIDIQFRRV
ACNNRGLTVNFHVEVGSNPNYLAVLVEYANKAGTVVQMDAMEANSGYWMPMRRS
WGSIWRLDSYRPLRGPFSMRIRSENGRTL VANNVIPASWRPNTDYRSYVQFT*

CDS (coding sequence)

>McsEXPB-08

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CGCATTCTGGCGCAAGCGCACTACCGGTGGTGAACAACCACACCTCCGCCGTCGG
CCAACCTCCGCGGGCGGGCTGGCAGGCGGCTAAGGCCACCTGGTACGGCGCGCC
CAACGGCGCCGGCCCCGACGACAACGGTGGCGCGTGCGGGTTCAAGAACACCAA
CCAGTACCCGTTTCATGTCCATGACGTCGTGCGGCAACCAGCCCCTGTTCCAGGAC
GGCCAGGGCTGCGGCGCATGCTACCAGATCAGGTGCACCGCTAAGAATAACCCT
GCCTGCTCCGGCGAGGTGAAGACGGTGATGATCACGGACATGAACACTACCCG
GTGGCCAGGTACCACTTCGACCTCAGCGGCACGGCGTTCGGGTCCATGGCGAGGC
CCGGGCTGAACGACAAGCTCCGGCACGCGGGCATCATCGACATCCAGTTCAGGA
GGGTGGCCTGCAACAACCGGGGGCTCACCGTCAACTTCCACGTGGAGGTGGGCTC
CAACCCCAACTACCTGGCGGTGCTGGTGGAGTACGCCAACAAGGCCGGCACCGT
GGTGCAGATGGACGCGATGGAGGCCAACTCGGGCTACTGGATGCCATGCGCCG
CTCCTGGGGATCCATCTGGCGGCTCGACTCCTACCGCCCGCTCAGGGGCCCTTCT
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Nucleotide

>McsEXPB-08

GCAGCCAAACGCACATACTCGAGCTGAGATAATGGCCGCCGCGGGGCAGCTGC
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CAGCCCCTGTTCCAGGACGGCCAGGGCTGCGGGCGCATGCTACCAGGTATCCATTC
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GGTCAAATGTACTAGCTAGCAGAGTGTACTCCATATCTTTTTCCCTCGAATCGAA
GTTAATAACGACATTTTTTAAAATTTGGTACGTATGAATTGAAAATTTGGTGAGGT
CAAACGGAAGCATCTTTTCACGTTCTCTTACTTATATGTTAAACTAATAACAGA
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