

IDENTIFICATION

Species: *Miscanthus sinensis*

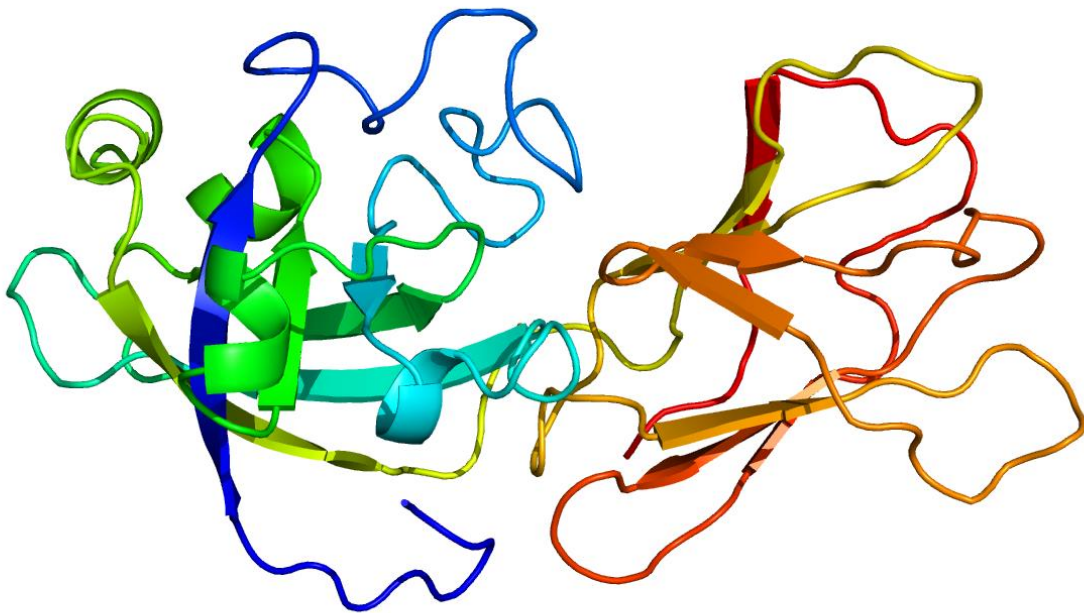
Locus: Misin08G216400

Gene Model: Misin08G216400.1.p

Description: McsEXPB-43

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

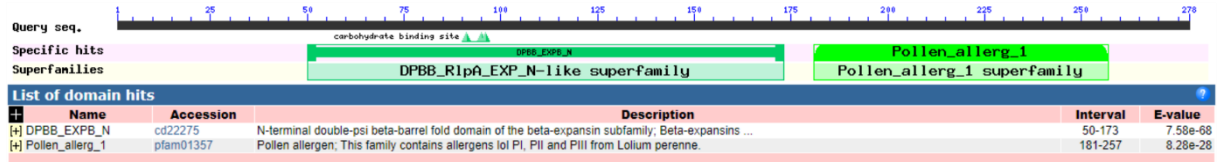
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-43

MAGASSSSSAACCGFSIRAVLLASSLVCAACLFSGEASGAAHRVVDPEWHPATAT
WYGSAEGDGSDDGACGYGTLVDVVPMMARVGA VSPVLFKSGEGCGACYKVRCLD
HGICSRRAVTVIVTDECPGGVCSGGRTHFDLSGAAFGRLAVAGAGGQLRNRGEINVV
FRRTACRYGGKNIAFHVNEGSTSFWLSLLVEFEDGDGDIGSMQLKQANSAQWRDMQ
HWGATWSLTPGPLVGPFSVRLTTLGKQTLTAQDVIPKNWAPKTTYTSRLNFA*

CDS (coding sequence)

>McsEXPB-43

ATGGCCGGCGCCTCCTCGAGCTCCTCTGCCGCCTGCTGCGGCTTCTCCATCCGCGC
GGTGCTCCTCGCGTCGTCGCTCGTGTGCGCCGCGTGCTCCTTCGGCTCCGGCGAG
GCTTCGGGGGGCGGCGCACAGGGTGGTCGACCCCGAGTGGCACCCGGCCACCGCC
ACCTGGTACGGCAGCGCCGAGGGCGACGGCAGCGACGGCGGCGCGTGCGGGTAC
GGGACGCTGGTGGACGTGGTGCCGATGATGGCGCGCGTGGGCGCCGTGAGCCCC
GTGCTGTTCAAGTCCGGCGAGGGCTGCGGCGCCTGCTACAAGTCCGGTGCCTGG
ACCACGGCATCTGCTCGCGCCGCGCCGTCACGGTCATCGTCACCGACGAGTGCCC
CGGCGGGGTCTGCTCCGGCGGCGCACGCACTTCGACCTCAGCGGCGCCGCGTTC
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AACGTCGTCTTCCGCAGGACGGCGTGCAGGTACGGGGGCAAGAACATCGCCTTCC
ACGTGAACGAGGGCTCCACTAGCTTCTGGCTCTCCCTCCTGGTGGAGTTCGAGGA
CGGCGACGGCGACATCGGATCCATGCAGCTCAAACAGGCCAACTCGGCGCAGTG
GCGAGACATGCAGCACGTCTGGGGGGCCACGTGGAGCCTCACCCCGGGCCCGCT
TGTGGGGCCCTTCTCCGTGCGGCTGACGACCCTGTCCGGCAAGCAGACCCTTACG
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Nucleotide

>McsEXPB-43

TGCCCTTGTCCACATTATAAGTCCAGGCAGCCACCACCCTACTCGTGCATTCCCAT
TGTCCCTTCCCCGCCATTTGTGCAGGGGGGCGAGCTCTGAGCACTCAGCACATCGG

GGACTGGGCTTCTCGAAGCCTTAAAAGCGATCCCAGAGAGAGGAGGAAGTACCA
CCACCAGTCCACCACTCGAGCGAGGTCGGGCATTTCTGCACAGGACAGCAGGGG
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CGTACGTGCGCGCGGCCATGGCCGGCGCCTCCTCGAGCTCCTCTGCCGCCTGCT
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