

IDENTIFICATION

Species: *Miscanthus sinensis*

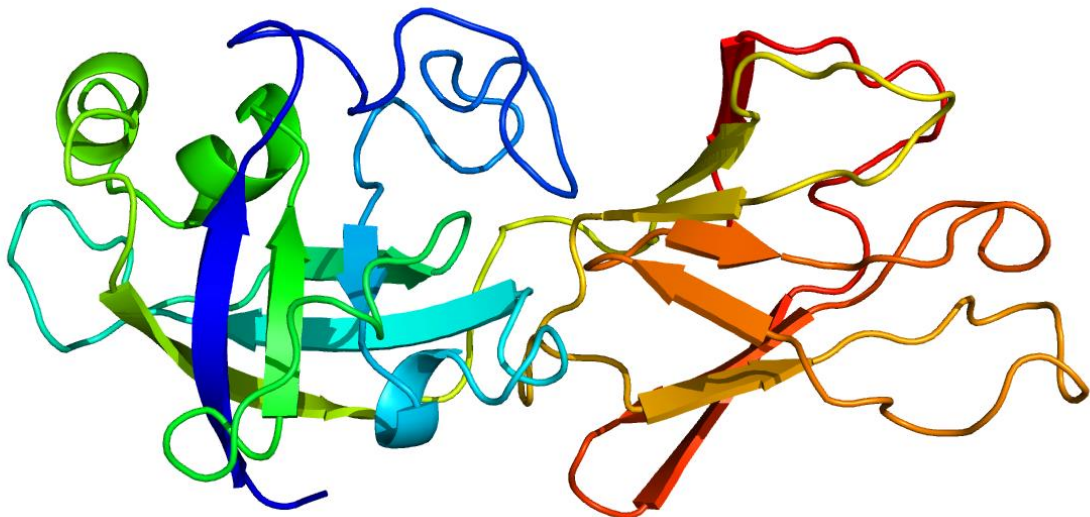
Locus: Misin02G132400

Gene Model: Misin02G132400.2.p

Description: McsEXPB-16

Family: Beta Expansin

3D structure:



GENOME DATABASES

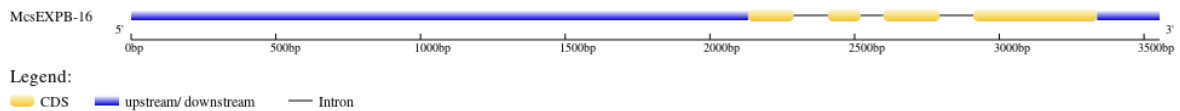
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

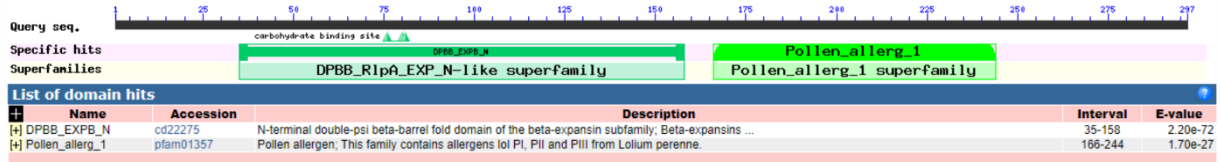
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-16

MASTLQLLFSIAITAFAPFLHPCASTEFRRELYGWSNGIATWYGAADGAGTDGGACG
 YQNAVDQPPFSSMIAAGCSSIYDSGKGCSCYQVVCTGNEACSGNPVTVVITDECPD
 CPCPDEQVHLDMMSGTAFGALAKPGQESQLRGAGAIQIQYTRVQCEWPGVDVTFVSVE
 GSNPNYLAVLIEYEDSDSDLYSVDIMQQGGTGTGQWVPMQQSWGAVWKINSGSVL
 QGPFNIRLTFSSGRVLVASNAIPAGWNAGVAYRSGGVAVTRARPRSGGCRRYEAAGT
 LHLLVLSVLLML*

CDS (coding sequence)

>McsEXPB-16

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 CTCCACCCATGTGCATCCACTGAGTTCGCCCGTGAGCTCTATGGTTGGTCCAATGG
 CATTGCTACATGGTATGGCGCAGCTGATGGTGCCGGAAGTACGGTGGCGCGTGT
 GGATAACAGAATGCTGTGGACCAGCCACCCTTCTCATCCATGATTGCCGCTGGCT
 GCTCTTCCATCTACGATTCTGGCAAGGGCTGTGGCTCTTGCTATCAGGTTGTATGC
 ACTGGCAATGAGGCTTGCTCTGGTAACCCGGTGAAGTGTGTCATCACCGACGAGT
 GCCCTGATTGCCCGTGTCCCGATGAGCAGGTCCATTTGGACATGAGCGGGACAGC
 GTTCGGTGCCTTGGCAAAGCCCGGGCAGGAGAGCCAACTGCGTGGCGCCGGCGC
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 TTCTCGGTGGAGTCGGGCTCCAACCCGAAGTACCTGGCCGTGCTGATCGAGTACG
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 GGACGGGGCAGTGGGTGCCGATGCAGCAATCGTGGGGCGCCGTGTGGAAGATCA
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 TACCGGTCCGGCGGCGTGGCTGTGACGAGGGCCAGGCCAGGAGCGGTGGCTGC
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Nucleotide

>McsEXPB-16

GGCTCGCTGTTTGCCGGATTTCGTGCCGGCCTTTGACGGCATTGTACCCTCCGCGGC
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