

IDENTIFICATION

Species: *Miscanthus sinensis*

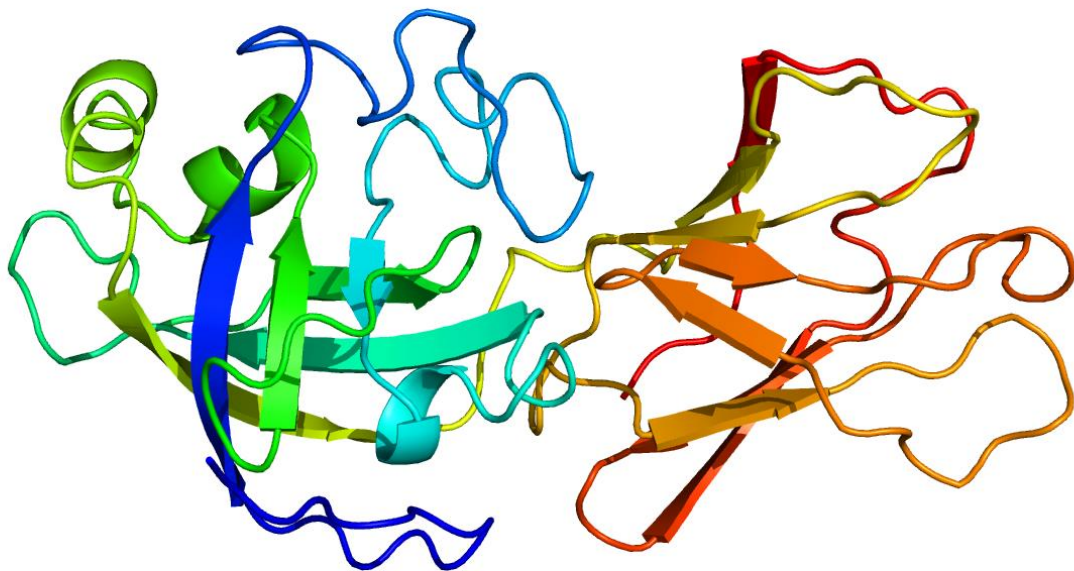
Locus: Misin01G284000

Gene Model: Misin01G284000.1.p

Description: McsEXPB-04

Family: Beta Expansin

3D structure:



GENOME DATABASES

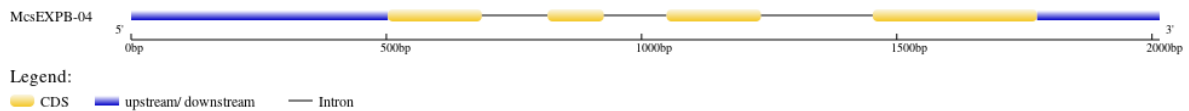
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

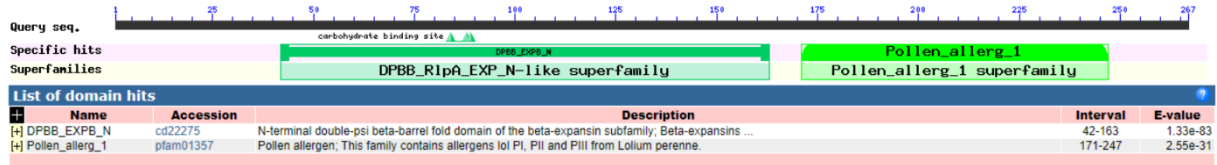
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-04

MASSSKVLALGALVFSLLVTYGSCARPAVNFTASDFTADPNWEAARATWYGAPTGA
GPDDDGGACGFKNVNLPPFSAMTSCGNQPLFKDGGKCGSCYQIRCQKHPACSGNPE
TVIITDMNYYPVAKYHFDLSGTAFGAMAKLGRNDELRHAGIIDIQFKRVPCNYPGQK
VTFHVEEGSNPVYFAVLVEFEDGDGDVVQVDLKEANSYWTSMRESWGSIWRLDA
NHRLEAPFSLRITNESGRKLVANRVIPANWAANTYYRSIIQY*

CDS (coding sequence)

>McsEXPB-04

ATGGCGTCCTCCTCCAAGGTGCTCGCACTTGGTGGCGCTCGTCTTCTCCCTCCTTGT
CACGTATGGCTCGTGGCTAGACCGGCGGTCAACTTTACCGCCTCCGACTTCACC
GCCGATCCCAACTGGGAGGCGGCCAGAGCCACCTGGTACGGTGGCGCCACCGGC
GCCGGCCCTGACGACGATGGTGGCGCCTGCGGGTTCAAGAAGCTGAACCTGCCG
CCGTTCTCCGCGATGACATCGTGGCAACCAGCCCCTGTTCAAGGACGGCAAGG
GCTGGCGCTCCTGCTACCAGATACGATGCCAAAAGCACCCCTGCCTGCTCGGGCAA
CCCAGAGACGGTGATCATCACTGACATGAACTACTACCCCGTGGCCAAGTACCAC
TTCGACCTCAGCGGCACGGCGTTCGGCGCCATGGCCAAGCTCGGCCGCAACGACG
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CCCCGGGCAGAAGGTGACGTTCCACGTCGAAGAGGGCTCCAACCCCGTCTACTTC
GCGGTGCTCGTTCGAGTTTGAAGACGGCGACGGCGACGTGGTGCAGGTGGACCTC
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Nucleotide

>McsEXPB-04

GCTATGCACGAATCTCCCGTTCCCAACACTGCATATATCAGACAAAGTGAAGGCG
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