

IDENTIFICATION

Species: *Miscanthus sinensis*

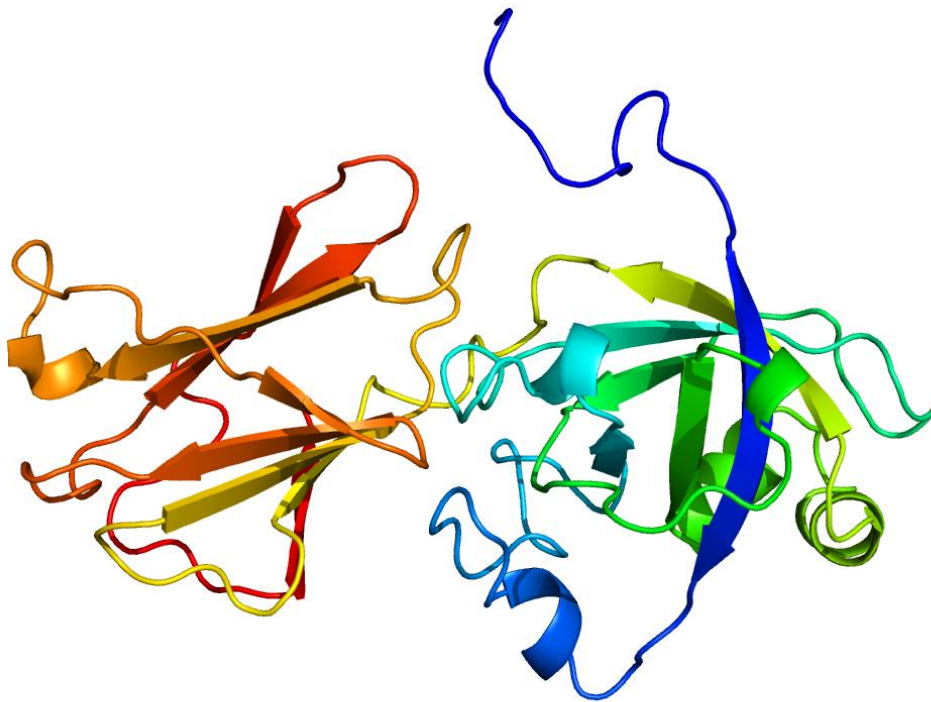
Locus: Misin01G134900

Gene Model: Misin01G134900.1.p

Description: McsEXPB-02

Family: Beta Expansin

3D structure:



GENOME DATABASES

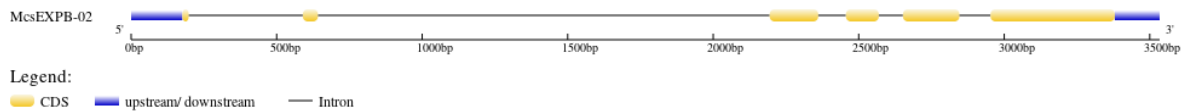
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

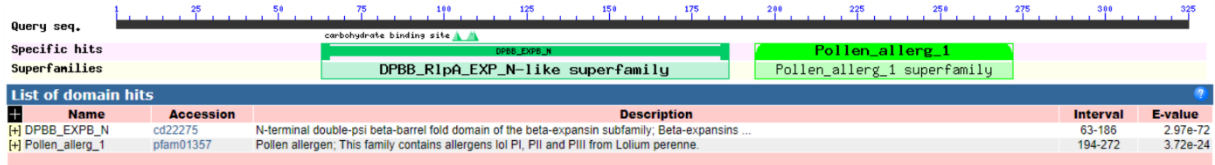
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-02

MASSSSKQEDGFTEHGGPQVRHSGRVCCMASTLQLLFSIAITTLAFLHPCASTEFRRE
 LYGWSNGIATWYGAADGAGTDGGACGYQNAVDQPPFSSMIAAGCSSIYDSGKGCQS
 CYQVVCTGNEACSGNPVTVVITDECPDCPCPDEQVHLDMSGTAFGALAKPGQESQL
 RGAGAIEIQYTRVQCEWPGVDVTFVSVESGSPNYLAVLIEYEDSDSDLYSVDIMQQG
 QGGTGQWVPMQQSWGAVWKINSGSVLQGPFNIRLTFNSGRVLVASNTIPAGWNAG
 VAYRSGGVAVTRARPRSSGCRGYEAAGTLHLFLLSVVLLML*

CDS (coding sequence)

>McsEXPB-02

ATGGCATCATCATCCAGCAAACAGGAAGACGGATTCACAGAGCACGGTGGTCCC
 CAAGTCCGGCACTCCGGCAGGGTATGTTGTATGGCTTCCACGCTCCAGCTGTTGTT
 TTCCATTGCCATCACAACTTTGGCCTTTTTCTCCACCCATGTGCATCCACTGAGT
 TCCGCCGTGAGCTCTATGGTTGGTCCAATGGCATCGCTACATGGTATGGCGCAGC
 TGATGGTGCCGGAAGTACGGTGGCGCTTGTGGATAACAGAAATGCTGTGGACCAG
 CCACCCTTCTCATCCATGATTGCCGCTGGCTGCTCTCCATCTACGACTCTGGCAA
 GGGGTGTGGCTCTTGCTACCAGGTTGTATGCACTGGCAATGAGGCTTGCTCTGGT
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Nucleotide

>McsEXPB-02

CTGAGCTTAGCTGCCGTGTAAACTTAGACACGACGTAGTAGAATCGATGCCATTT
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