

IDENTIFICATION

Species: *Miscanthus sinensis*

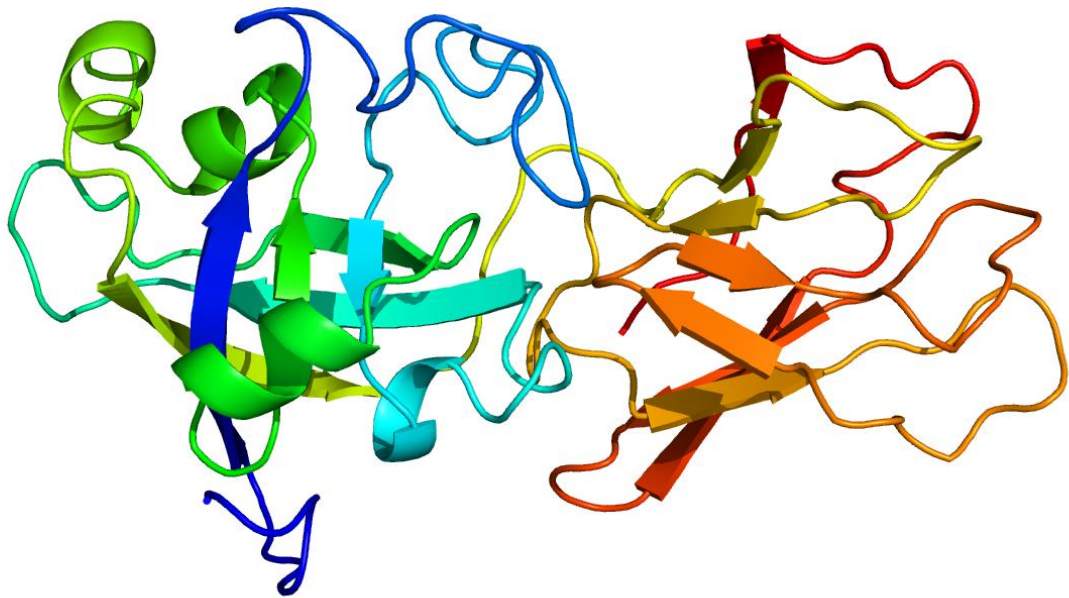
Locus: Misin12G162900

Gene Model: Misin12G162900.3.p

Description: McsEXPB-50

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

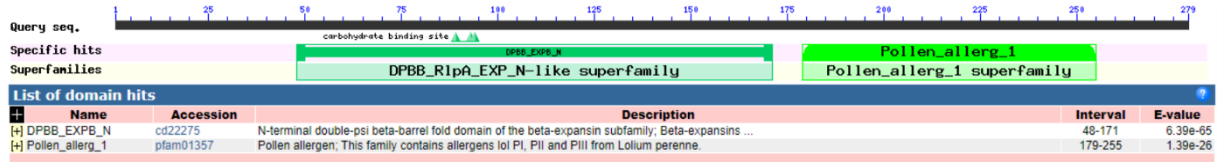
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-50

MASSRALALFLFCALLPAPPISVSAALLFGGGKSAAVAKPGPGADMEWRPATATWY
GAEAGDGS DGGACGYGTLVDV VPMKARVGSVSPVLFKDGEGCGACYKVKCLDRGI
CSRRAVTVIVTDECPGGLCAFRTHFDLSGAAYS RMAVAGAGGRLRDRGQLNVVYR
RTACKYGGKNI AFRVNEGSTNFWLSLLVEFEDGE GDIGSMQIKQANSVEWLDMRHV
WGATWCLVRGPLVGPFSVRLT TLSARKTLTARDVIPRNWTPKATYTSRLNFQPSL*

CDS (coding sequence)

>McsEXPB-50

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CCCATCTCTGTCTCAGCCGCATTGCTGTTCCGGCGGCGGCAAGTCAGCCGCGGTGG
CCAAGCCGGGTCCGGGAGCCGACATGGAGTGGCGGCCGGCCACCGCGACGTGGT
ACGGCGAGGCCGAGGGCGACGGCAGCGACGGCGGCGCGTGC GGGTACGGGACG
CTGGTGGACGTGGTGCCGATGAAGGCGCGGGTTCGGGTCGGTGAGCCCCGTGCTGT
TCAAGGACGGCGAGGGCTGCGGCGCCTGCTACAAGGTCAAGTGCCTGGACCGCG
GCATCTGCTCCCGCCGCGCCGTCACGGTGATCGTACGGACGAGTGCCCCGGCGG
GCTCTGCGCCTTCGGCCGACCCACTTCGACCTCAGCGGCGCCGCTACAGCAGG
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Nucleotide

>McsEXPB-50

GCGAGAGCACCTCTGCCTCTGACTGCGGCATTGGGGCTTGGGATTTCTCGAAGCC
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