

IDENTIFICATION

Species: *Miscanthus sinensis*

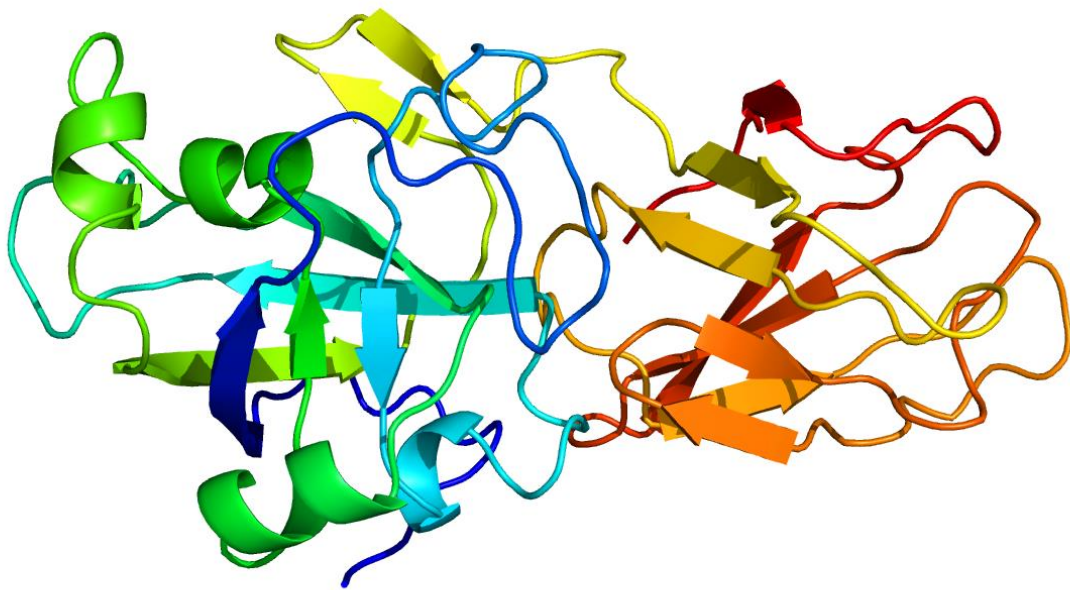
Locus: Misin12G162900

Gene Model: Misin12G162900.2.p

Description: McsEXPB-49

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

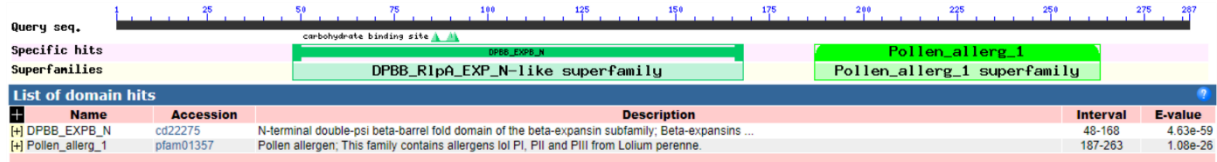
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-49

MASSRALALFLFCALLPAPPISVSAALLFGGGKSAAVAKPGPGADMEWRPATATWY
GAEAGDGGACGYGTLVDVVPKARVGSVSPVLFKDGEGCGACYKVKCLDRGICSR
RAVTVIVTDECPGGLCAFRTHFDLSGAAYSARMAVAGAGGRLRDRGQLNVVYRSV
VCPYAYTDTRTACKYGGKNIAFRVNEGSTNFWLSLLVEFEDGEGDIGSMQIKQANSV
EWLDMRHVWGATWCLVRGPLVGPFSVRLTTLARKTLTARDVIPRNWTPKATYTSR
LNFQPSL*

CDS (coding sequence)

>McsEXPB-49

ATGGCTTCCTCGCGGCCCTTGCTCTCTTCCTCTTCTGCGCTCTGCTGCCCGCGCCC
CCCATCTCTGTCTCAGCCGCATTGCTGTTCCGGCGGCGGCAAGTCAGCCGCGGTGG
CCAAGCCGGGTCCGGGAGCCGACATGGAGTGGCGGCCGCGCCACCGCGACGTGGT
ACGGCGAGGCCGAGGGCGACGGCGGCGCGTGCGGGTACGGGACGCTGGTGGACG
TGGTGCCGATGAAGGCGCGGGTCCGGTCCGGTGCAGCCCCGTGCTGTTCAAGGACG
GCGAGGGCTGCGGCGCCTGCTACAAGGTCAAGTGCCTGGACCGCGGCATCTGCTC
CCGCCGCGCCGTCACGGTGATCGTCACGGACGAGTGCCCCGGCGGGTCTGCGCC
TTCGGCCGCACCCACTTCGACCTCAGCGGCCCGCCCTACAGCAGGATGGCCGTCG
CGGGGGCCGGCGGCCGCTGCGCGACCGGGGCCAGCTGAACGTCGTGTACAGGA
GTGTCGTTTGCCCGTATGCATACACGGATAACCAGGACGGCCTGCAAGTACGGCGG
GAAGAACATAGCATTCCGCGTGAACGAGGGCTCGACTAATTTCTGGCTCTCTCTG
CTCGTCGAGTTCGAGGACGGCGAAGGCGACATCGGATCCATGCAGATAAAGCAG
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CCAGGAAGACGCTCACGGCCCCGCGACGTCATCCCCAGGAACTGGACGCCCAAGG
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Nucleotide

>McsEXPB-49

GCGAGAGCACCTCTGCCTCTGACTGCGGCATTGGGGCTTGGGATTTCTCGAAGCC
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