IDENTIFICATION

Species: *Miscanthus sinensis*

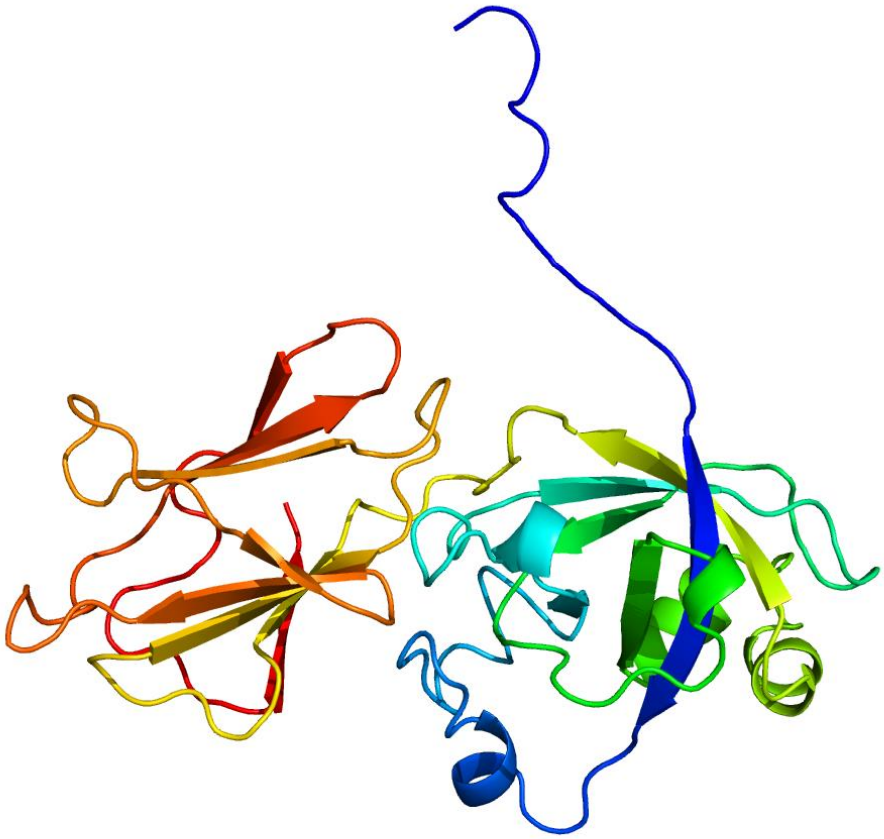
Locus: Misin12G183100

Gene Model: Misin12G183100.1.p

Description: McsEXPB-54

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

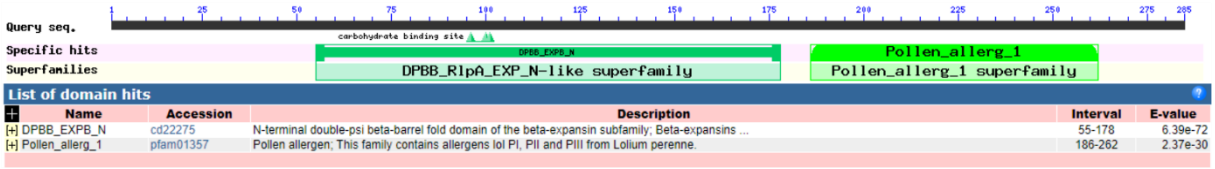
KEGG:-

EXTERNAL RESOURCES

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

GENE STRUCTURE

DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-54

MVTPVTFRDAVFAVLPILTLLVSPVPCYGHPRSMSLRNHTTSRYTSTPARAADRWYS
GGATWYGSPYGAGSDGGACGYQGTVSQRPFSSMIAAGGPSLFKNGNGCGACYQIKC
TGNKVCSGWPVTVTITDSCPGGVCLARTAHFDMSGTAFGAMANRGMADRLRATGIL
KIQYRRVSCNYNGMGIAFKVDRGSNPFYLAVLIQYQNGDGDLAAVHIMQQGGAWA
PMQHSWGAMWRTNSNTGKPLRAPFSVRLISGSGKVLVVGNAIPAGWRAGMTYWST
VNYAT*

CDS (coding sequence)

>McsEXPB-54

ATGGTTACTCCAGTAACATTCCGAGATGCCGTATTCGCGGTGCTGCCAATCCTGA
CACTTCTTGTAAGCCCCGTTCCCTGCTATGGGCATCCGAGGTCCATGTCTCTTCGC
AACCACACTACCAGCCGGTACACCTCAACGCCAGCCAGAGCCGCCGACCGATGG
TACTCCGGCGGCGCGACGTGGTACGGGAGCCCTTACGGCGCCGGCAGCGACGGC
GGTGCGTGCGGTTATCAAGGCACCGTCAGCCAACGCCCGTTCTCGTCGATGATCG
CCGCCGGCGGTCCTTCCCTTTTCAAGAACGGCAATGGCTGCGGCGCATGCTATCA
GATCAAGTGCACCGGCAACAAAGTCTGCTCCGGGTGGCCAGTGACTGTTACTATC
ACCGACTCCTGCCCCGGTGGGGTCTGCCTCGCCAGGACGGCGCACTTTGACATGA
GTGGCACGGCCTTTGGCGCCATGGCCAACCGCGGGATGGCGGACCGCCTCCGCGC
CACTGGAATCCTCAAGATCCAATACAGGAGGGTGTCGTGCAACTACAATGGCATG
GGAATTGCCTTCAAAGTGGACCGGGGCTCCAACCCGTTCTACCTCGCCGTGCTGA
TCCAGTACCAGAACGGCGACGGTGACCTCGCCGCGGTGCACATCATGCAGCAGG
GCGGCGCGTGGGCGCCGATGCAGCACTCGTGGGGCGCCATGTGGCGCACCAACT
CGAACACCGGCAAGCCGCTGCGCGCTCCATTCTCGGTCCGACTCATCTCCGGCTC
CGGCAAGGTGCTCGTCGTCGGGAACGCCATCCCCGCCGGTTGGCGCGCCGGTATG
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Nucleotide

>McsEXPB-54

ATGGTTACTCCAGTAACATTCCGAGATGCCGTATTCGCGGTGCTGCCAATCCTGA
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TGCTATCAGGTTAGTACTTGTGACTCGCGAAGTGTTGTGTGGCGTGTAGTGCGTA
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TTTGACATGAGTGGCACGGCCTTTGGCGCCATGGCCAACCGCGGGATGGCGGACC
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AAGTTTTAACTGACCATTCTAGTGAAATTAAGCTGTGCACGCGTGTGACGATCGA
AGCTACTACCTTTATTCTCGCAGGGTGTCGTGCAACTACAATGGCATGGGAATTG
CCTTCAAAGTGGACCGGGGCTCCAACCCGTTCTACCTCGCCGTGCTGATCCAGTA
CCAGAACGGCGACGGTGACCTCGCCGCGGTGCACATCATGCAGCAGGGCGGCGC
GTGGGCGCCGATGCAGCACTCGTGGGGCGCCATGTGGCGCACCAACTCGAACAC
CGGCAAGCCGCTGCGCGCTCCATTCTCGGTCCGACTCATCTCCGGCTCCGGCAAG
GTGCTCGTCGTCGGGAACGCCATCCCCGCCGGTTGGCGCGCCGGTATGACATACT
GGTCAACGGTGAACTACGCCACCTAA