

IDENTIFICATION

Species: *Miscanthus sinensis*

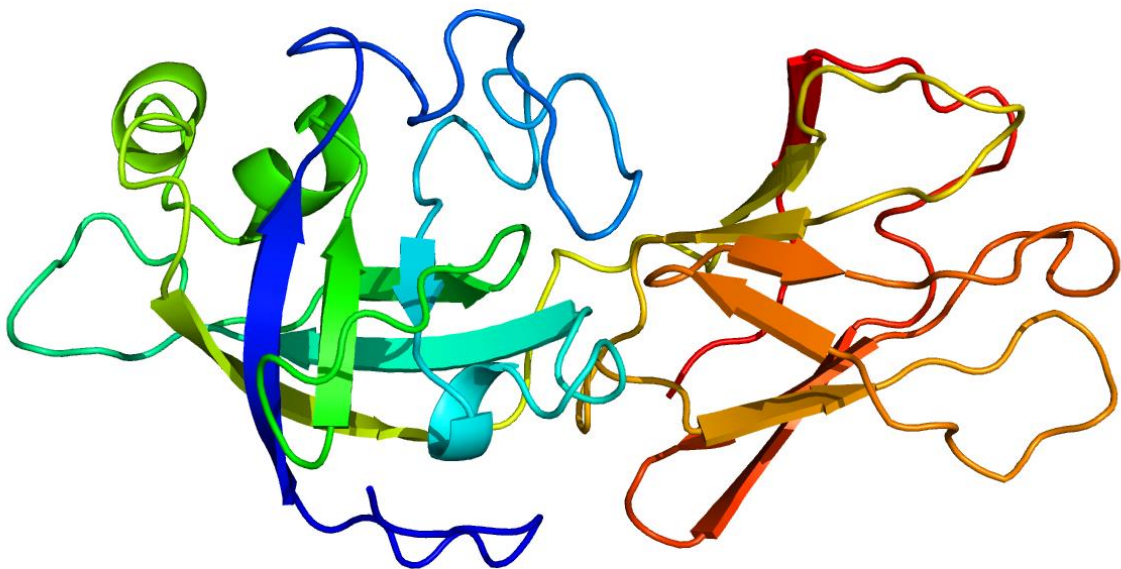
Locus: Misin01G284500

Gene Model: Misin01G284500.1.p

Description: McsEXPB-06

Family: Beta Expansin

3D structure:



GENOME DATABASES

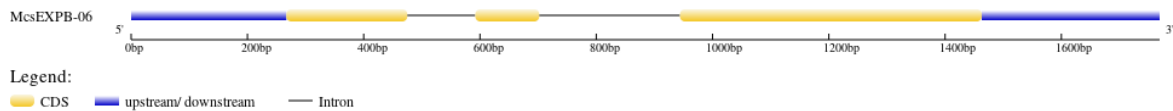
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

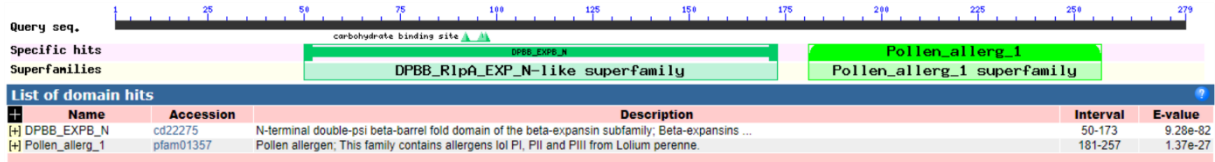
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-06

MATALSFKAFVAVTALLSVVVTYGARAAQQQPDHNTDSQDRSLLSYSSGWLPARAT
WYGAPTGAGPDDNGGACGFKGTNQYPFSSMTSCGNEPIFKDGKGCSCYQIRCLTSN
HPACSGVPQTVIITDMNYYPVAKYHFDLSGTAFGAMASWGLNDKLRHAGIIDMQFR
RVPCNFPGLTITFRVQQGSNPMYLAVLIEHENQDGDVVQADIMQNNSGYWPEPMHES
WGSIWRIDPNRPLQGPFSIRITNESGKQLVAKDIIPANYVADVDYRSYVQYTN*

CDS (coding sequence)

>McsEXPB-06

ATGGCCACCGCGCTCTCCTTCAAGGCCTTTGCAGTGACCGCGCTCCTCTCCGTGGT
CGTCACCTATGGCGCTCGCGCCCAGCAGCAGCAGCCCAGCCACAACGCCACCGA
CTCGCAGGACAGATCCTTGTTGTCTACAGCAGTGGCTGGCTGCCGGCCAGGGCC
ACCTGGTACGGCGCGCCCACCGGCGCCGGCCCCGACGACAACGGTGGTGCCTGC
GGGTTCAAGGGCACCAACCAGTACCCGTTCTCGTCCATGACGTCCTGTGGCAACG
AGCCCATCTTCAAGGACGGCAAGGGCTGCGGCTCATGCTATCAGATACGGTGCCT
TACGAGCAACCACCCCGCTGCTCCGGCGTGCCGCAGACGGTGATCATCACCGAC
ATGAACTACTACCCGGTGGCCAAGTACCACTTCGACCTCAGCGGCACGGCGTTCG
GCGCCATGGCCAGCTGGGGCCTCAACGACAAGCTCCGCCACGCCGGGATCATCG
ACATGCAGTTCAGGAGGGTGCCGTGCAACTTCCCGGGCCTGACCATCACCTTCG
CGTGCAGCAGGGCTCCAACCCCATGTACCTCGCCGTGCTCATCGAGCACGAGAAC
CAGGACGGCGACGTGGTGCAGGCGGACATCATGCAGAACAACTCCGGTACTGG
GAACCCATGCACGAGTCTTGGGGATCCATCTGGAGGATCGACCCCAACCGCCCGC
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CAAGGACATTATCCCGGCCAACTATGTTCGCCGACGTCGATTACCGTCTCTACGTC
CAGTATACTAATTAA

Nucleotide

>McsEXPB-06

TAACCGACGCCTTCCATTCTCCATGATTCGCGCGGTGCCCATGTGACGCGACGG
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