

IDENTIFICATION

Species: *Miscanthus sinensis*

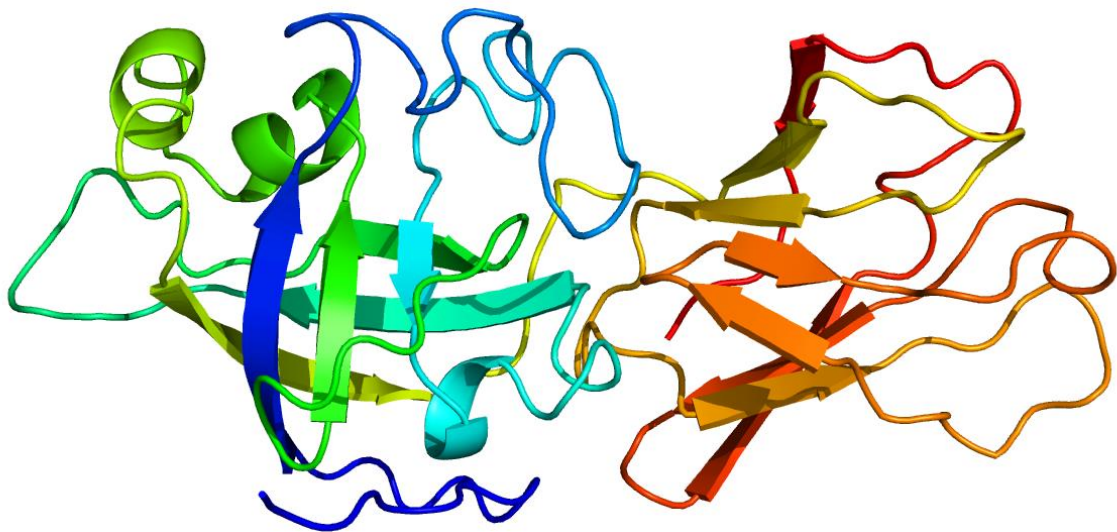
Locus: Misin02G274300

Gene Model: Misin02G274300.1.p

Description: McsEXPB-26

Family: Beta Expansin

3D structure:



GENOME DATABASES

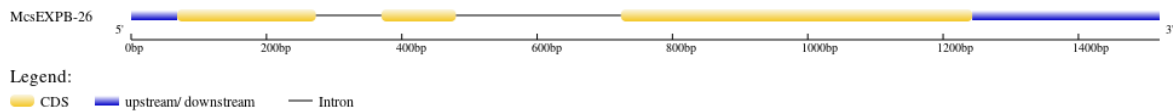
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

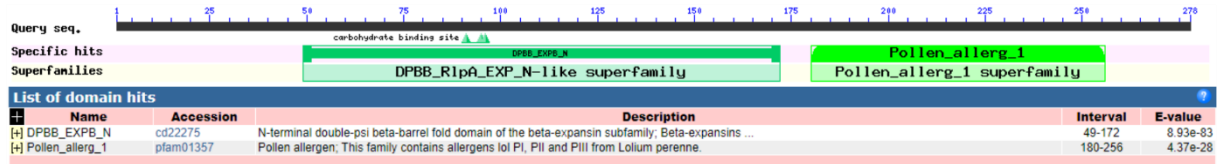
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-26

MATALSFKAFAVAALLFVVVITYGARAHQQPDHNATESQDRSLLSYSSGWLPARAT
 WYGAPTGAGPDDNNGGACGFKGTNQYPFSSMTSCGNEPIFKDGKGCSCYQIRCLQS
 NHPACSGVPQTVIITDMNYYPVAKYHFDLSGTAFGAMASRGLNDKLRHAGIIDMQFR
 RVPCNFPGLTITFRVQHGSNPMYLAVLIEHENQDGDVVQADIMQNNSGYWPEPMHES
 WGSIWRIDPNRPLQGPFSIRITNESGKQLVAKDIIPANYVADVDRSYVQYTN*

CDS (coding sequence)

>McsEXPB-26

ATGGCCACCGCGCTCTCCTTCAAGGCCTTTGCAGTGGCCGCGCTCCTCTTCGTGGT
 CGTCACCTATGGCGCTCGCGCCCACCAGCAGCCCGACCACAACGCCACCGAGTCG
 CAGGACAGATCCTTGTGTCTACAGCAGTGGCTGGCTGCCGGCCAGGGCCACCT
 GGTACGGCGCGCCCACCGGCGCCGGCCCCGACGACAACGGTGGTGCCTGCGGGT
 TCAAGGGCACCAATCAGTACCCGTTCTCCTCCATGACGTCCTGTGGCAACGAGCC
 CATCTTCAAGGACGGCAAGGGCTGCGGCTCATGCTATCAGATACGGTGCCTTCAG
 AGCAACCACCCCGCTGCTCTGGCGTGCCGCAGACGGTGATCATCACCGACATGA
 ACTACTACCCGGTGGCCAAGTACCACTTCGACCTCAGCGGCACGGCGTTCGGGGC
 CATGGCCAGCCGGGGCCTCAACGACAAGCTCCGCCACGCCGGGATCATCGACAT
 GCAGTTCCGGAGGGTGCCGTGCAACTTCCCGGGCCTGACCATCACCTTCCGCGTC
 CAGCACGGTCCAACCCCATGTACCTCGCCGTGCTCATCGAGCACGAGAACCAGG
 ACGGCGACGTGGTGCAGGCGGACATCATGCAGAACAACTCCGGCTACTGGGAGC
 CCATGCACGAGTCCTGGGGATCCATCTGGAGGATCGACCCCAACCGCCCTCTCCA
 GGGGCCCTTCTCCATCCGCATCACC AACGAGTCCGGCAAGCAGCTGGTGGCCAAG
 GACATTATCCCGGCCAACTATGTGCGCCGACGTCGATTACCGCTCCTACGTCCAGT
 ATACTAATTA

Nucleotide

>McsEXPB-26

GAAACACAAACCAGCTGGCAGCAGCTGCCAAGCAAGCCGAGGTCCCTAGCTAGC
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TCCCAGATACGGTGCCTTCAGAGCAACCACCCCGCCTGCTCTGGCGTGCCGCAGA
CGGTGATCATCACCGACATGAACTACTACCCGGTGGCCAAGTACCACTTCGACCT
CAGCGGCACGGCGTTCCGGGGCCATGGCCAGCCGGGGCCTCAACGACAAGCTCCG
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CAACTCCGGCTACTGGGAGCCCATGCACGAGTCCTGGGGATCCATCTGGAGGATC
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