

IDENTIFICATION

Species: *Miscanthus sinensis*

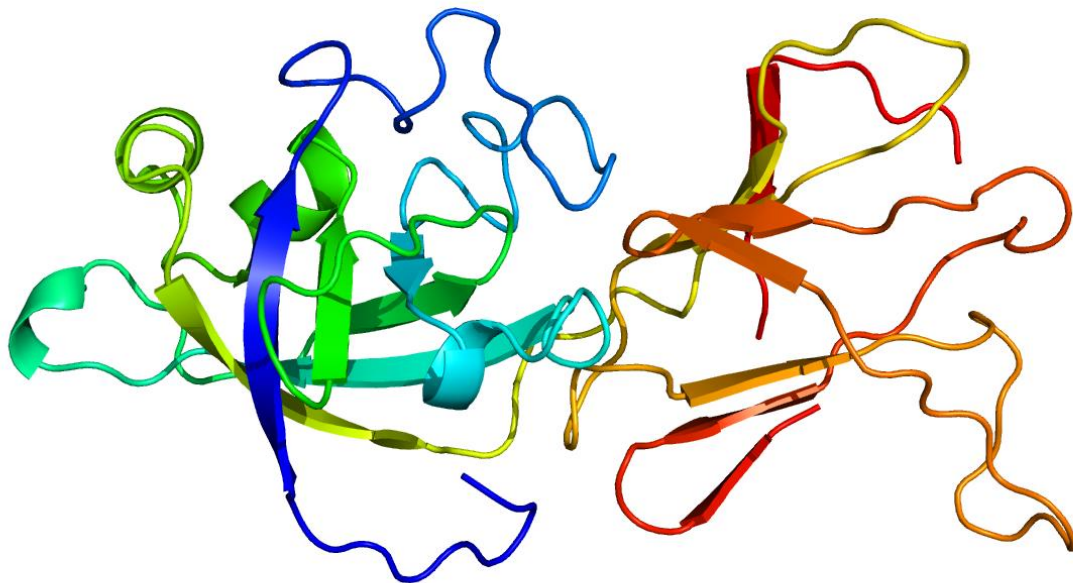
Locus: Misin02G274200

Gene Model: Misin02G274200.2.p

Description: McsEXPB-24

Family: Beta Expansin

3D structure:



GENOME DATABASES

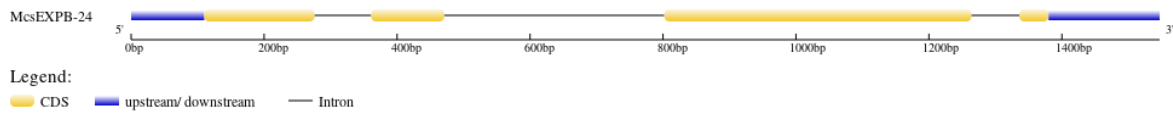
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

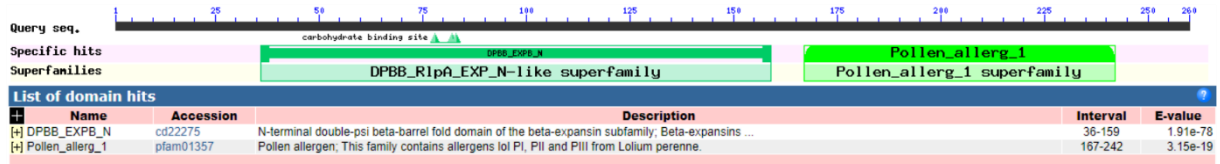
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-24

MAAAVISISSKVAALAALFVVLAMYAEAASPNGGWQAAKATWYGAPNGAGPDDN
GGACGFKNTNQYPYMSMTSCGNQPLFKDGKGCACGYQIRCLNSTHDACSGRAKRV
ITDMNYYPVSKYHFDLSGTAFGAMAKTGLNDKLRHAGIIDIQFRRVPCNYNGLNVN
RVQVGSNQNYFAVLVQYAGKDGAVVQLDLMETDRATGKPTGVWTPMRVSWGAV
WRLDTKRPLQPPFSLRVRSDSVPLAARCDHPDRCYSSD*

CDS (coding sequence)

>McsEXPB-24

ATGGCCGCCGCGTGATCTCCATCTCCTCCTCAAAGGTTGCTGCACTCGCTGCACT
GTTCGTGGTGCTCGCGATGTACGCCGAGGCGGCGAGCCCCAACGGCGGCTGGCA
GGCGGCCAAGGCCACCTGGTACGGCGCGCCCAACGGCGCCGGCCCTGACGACAA
CGGCGGCGCGTGCGGGTTCAAGAACACCAACCAGTACCCGTACATGTCCATGAC
GTCGTGCGGTAACCAGCCCCTGTTCAAGGACGGCAAGGGCTGCGGGCGCATGCTAC
CAGATACGGTGCCTCAATAGCACCCACGACGCTTGCTCCGGCAGAGCGAAGCGT
GTGATCATCACCGACATGAATACTACCCGGTGTCCAAGTACCACTTCGACCTCA
GCGGCACGGCGTTCGGCGCCATGGCCAAGACCGGGCTCAACGACAAGCTCCGCC
ACGCGGGCATCATCGACATCCAGTTCAGGCGGGTGCCCTGCAACTACAATGGCCT
GAACGTCAACTTCCGCGTCCAGGTGGGCTCCAACCAGAACTACTTCGCGGTGCTG
GTGCAGTACGCGGGCAAGGACGGCGCCGTGGTGCAGCTGGACCTGATGGAGACC
GACAGGGCCACCGGCAAGCCGACGGGCGTGTGGACGCCGATGCGCGTGTCTGTTG
GGCGCCGTCTGGCGCCTGGACACCAAGCGCCCGCTGCAGCCGCCCTTCTCGCTGC
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Nucleotide

>McsEXPB-24

TGTTGTCCTCCGGTCGACCAACAAAAACACCGACGACCGAACATCCAAGTACAA
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TGTTTCGTGGTGCTCGCGATGTACGCCGAGGCGGCGAGCCCCAACGGCGGCTGGCA
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GGTGTCCAAGTACCACTTCGACCTCAGCGGCACGGCGTTCGGCGCCATGGCCAAG
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