

IDENTIFICATION

Species: *Miscanthus sinensis*

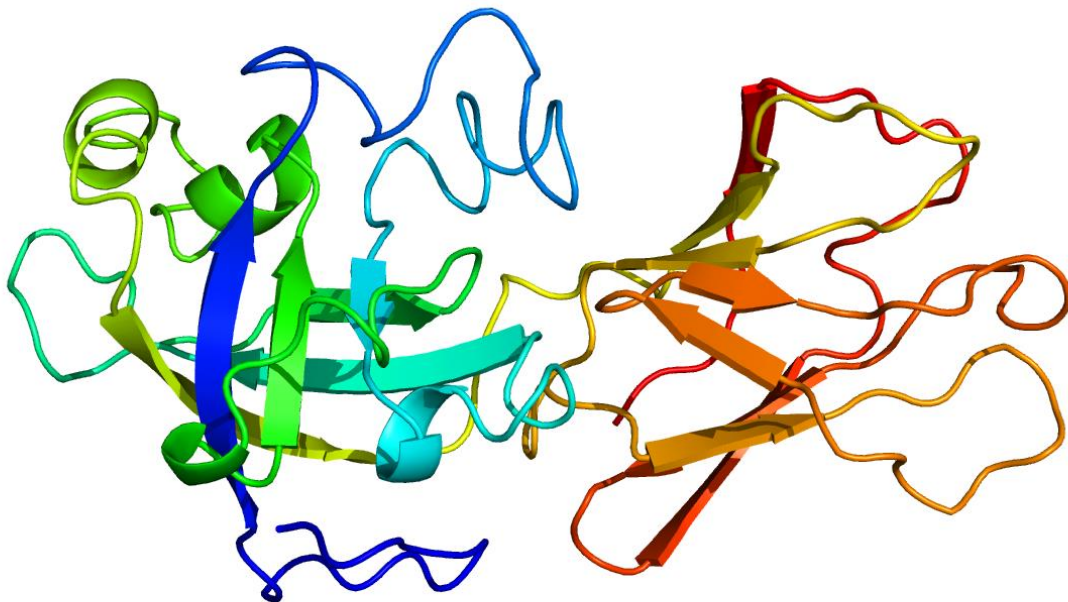
Locus: Misin03G106200

Gene Model: Misin03G106200.1.p

Description: McsEXPB-35

Family: Beta Expansin

3D structure:



GENOME DATABASES

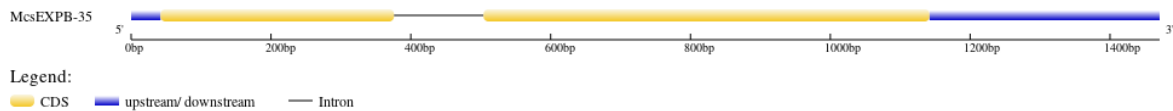
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

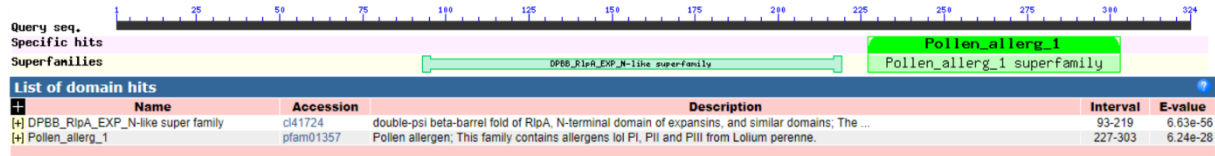
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-35

MAAKLCTLLLA AVVLSLLVSP IACSTRKLSKPKPRTKPVSHRQAPAARAIHKPAAA
APAVKGSHPATAAKSHTNHTATPSSPSTVYGSGGWLSGAGATYYGAPNGDGGEGG
ACGYQTAVGKQPFDSMIAAGSAPLYRGGEGCGACYEVKCTSNAACSGQPVTIVITDL
SPGGLFPGEVAHFDMSGTAMGAMAKPGPGMADKVRAGGVVRIQYRRVPCKYPGVN
VAFKVDQGANPFYFNVLIEFEDDDGDLSAVDLMEAGSSVWTPMAHNWGATWRLNN
GRRLRAPFGLRLTSDSGRVLVANNAIPAAWTPGKTYRSLVNYP*

CDS (coding sequence)

>McsEXPB-35

ATGGCGGCGAAGCTATGCACATTACTGCTGGCTGCAGTGGTCGTGCTCTCACTTC
TAGTTAGCCCCATTGCTTGCAGCACCCGCAAGCTCAGCAAGCCCAAGCCCAGGAC
TAAGCCGCTCAGCCACAGGCAGGCGCCTGCAGCCAGAGCCATCCACAAGCCGGC
CGCGGCAGCGCCTGCTGTCAAGGGTAGCCACAAGCCGGCCACCGCAGCCAAGTC
CCACACCAACCACACCGCTACCCCTTCGTCGCCCTCCACCGTCTATGGCTCCGGC
GGCTGGCTGTCCGGCGCCGGCGCCACGTA CTACGGCGCCCCTAACGGCGACGGC
GGTGAAGGCGGCGCGTGC GGGTACCAGACTGCCGTCCGGGAAGCAGCCGTTTCGAC
TCGATGATCGCCCGGGAGCGCGCCGCTGTACAGGGGAGGCGAGGGCTGCGGC
GCCTGCTACGAGGTGAAATGCACGAGCAACGCGGCCTGCTCGGGCCAGCCGGTG
ACCATCGTCATCACCGACCTGTCCCCGGGCGGGCTCTTCCCCGGCGAGGTCGCGC
ACTTCGACATGAGCGGCACGGCCATGGGCGCCATGGCGAAGCCTGGCCCTGGCA
TGGCCGACAAGGTCCGCGCCGGCGGCGTTCGTGAGGATTAGTACAGAAGAGTGC
CGTGCAAGTACCCCGGCGTGAACGTCGCGTTCAAGGTGGACCAGGGAGCCAACC
CCTTCTACTTCAACGTGCTGATCGAGTTCGAGGACGACGACGGCGACCTCAGCGC
CGTCGACCTGATGGAGGCCGGCAGCAGCGTGTGGACGCCATGGCGCACAACTG
GGGCGCCACGTGGCGCCTCAACAACGGCAGGAGGCTCAGAGCGCCGTTTCGGGCT
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Nucleotide

>McsEXPB-35

GCTAGCTCAGCAGATCTCTTATCTAGCTAGCTCAACAGAACAATGGCGGGCGAAGC
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