

IDENTIFICATION

Species: *Miscanthus sinensis*

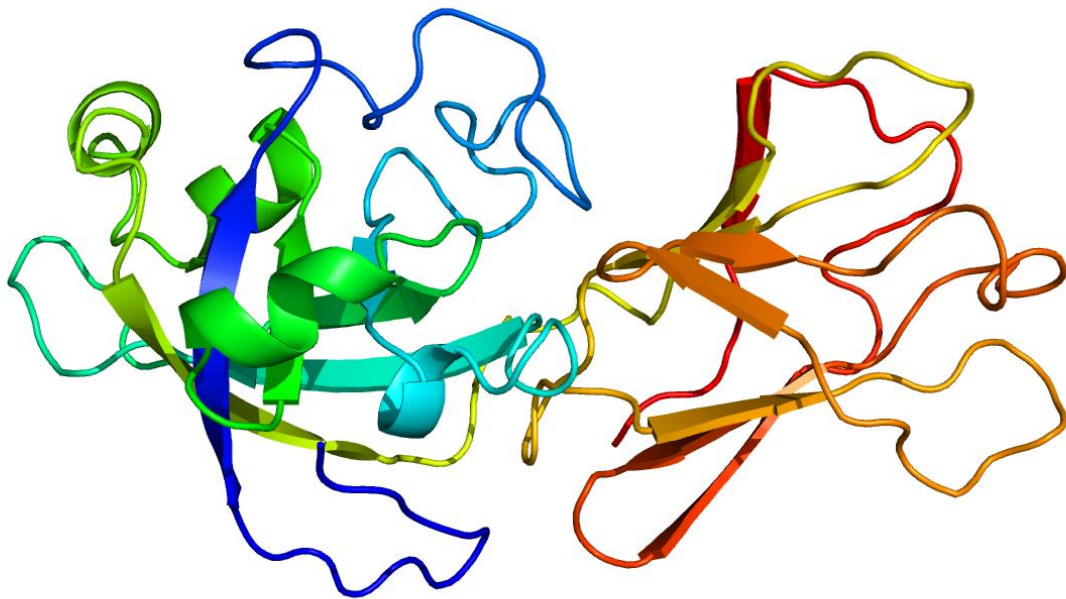
Locus: Misin07G434100

Gene Model: Misin07G434100.1.p

Description: McsEXPB-41

Family: Beta Expansin

3D structure:



GENOME DATABASES

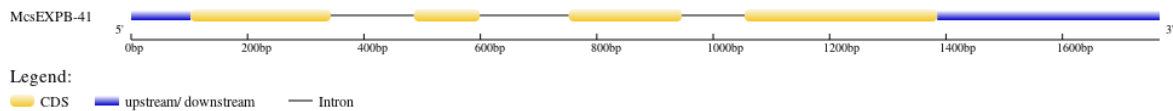
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

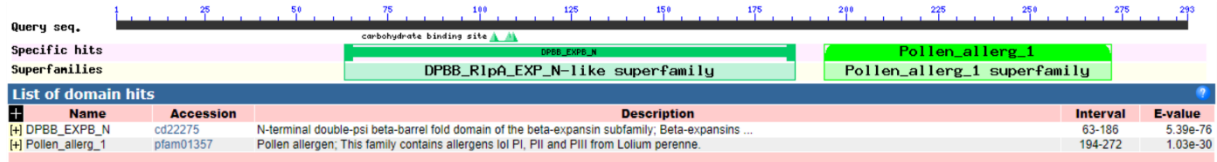
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-41

MAKSCTLLFGALVVLALLVSPIACSRKLA KPNKPKPTHKPVVRPRSNFTGTPSVSDAY
GSGGWLSAGATYYGAPNGDGS DGGACGYQTA VGQRPFSSMIAAGSPSLFKGGKGC
GACYEVKCD SNAACSGQPATVVITDECPGGVCLAEAAHFDMSGTSMGAMAKPGMA
DRLRAAGILKIQYKRVPCKYSSVNI AFRVDQGSNPFYFEVLVEFEDGDGDL SAVDLM
EAGCGTWTPMVQNW GALWRYNSNTGKALKAPFSLRLTSDSGKVLVANNVIPAGWN
PGATYRSLVNYS*

CDS (coding sequence)

>McsEXPB-41

ATGGCGAAATCTTGCACCTTACTGTTTCGGCGCACTGGTCGTGCTCGCGCTTCTAGT
GAGCCCCATTGCTTGCTCCCGCAAGCTCGCCAAGCCGAACAAGCCAAGCCGACC
CACAAGCCGGTGGTCAGGCCCGCAGCAACTTCACCGGTACCCCGTCAGTGTCCG
ACGCCTACGGTTCCGGTGGCTGGCTGTCTGCCGGCGCGACGTA CTACGGCGCCCC
AAACGGCGACGGCAGCGACGGCGGTGCGTGCGGATA CAGACCGCCGTCGGGCA
GCGCCCCTTCTCGTCGATGATTGCCGCCGGGAGCCCGTCTCTGTTCAAGGGAGGC
AAGGGCTGCGGCGCCTGCTACGAGGTTAAATGCGACAGCAACGCGGCATGCTCC
GGGCAGCCGGCCACCGTGGTCATCACCGACGAGTGCCCCGGCGGTGTCTGCCTCG
CGGAGGCGGCTCACTTCGACATGAGCGGCACTTCCATGGGCGCCATGGCGAAGC
CTGGCATGGCCGACAGGCTTCGCGCCGCGGCATCCTTAAGATCCAGTACAAGAG
GGTGCCGTGCAAGTACAGCAGCGTGAACATCGCCTTCCGGGTGGACCAGGGCTCC
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GCGCCGTCGACCTGATGGAGGCCGGGTGCGGCACCTGGACCCCGATGGTGCAGA
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CTTTCTCGCTCCGGCTCACCTCCGACTCCGGCAAGGTGCTTGTCGCCAACAACGTC
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AA

Nucleotide

>McsEXPB-41

CCAAACGAACACTCGAGCTAAGCTCAGCCTCACACAGCTGACAGAGTGTTAGCTT
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