

IDENTIFICATION

Species: *Miscanthus sinensis*

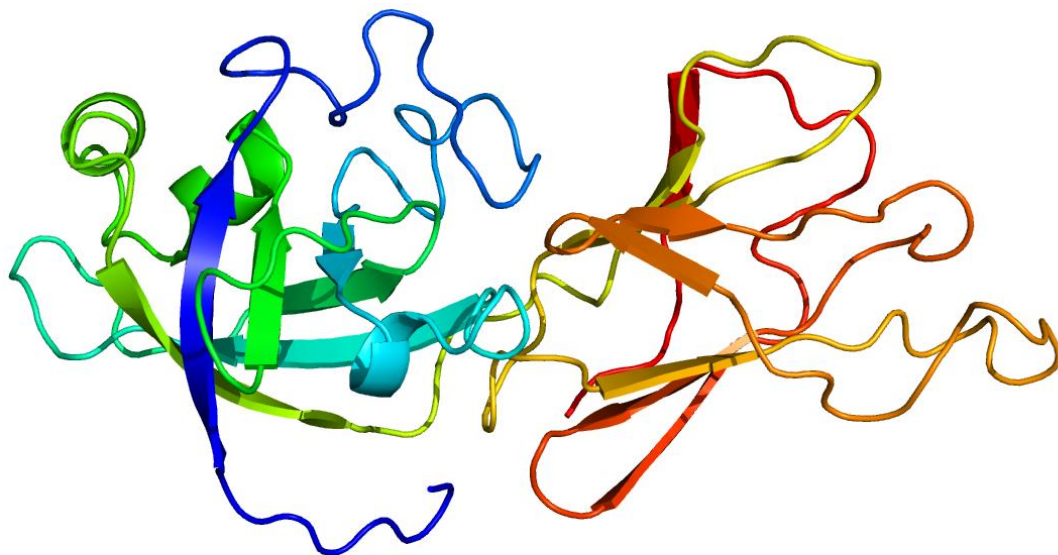
Locus: Misin02G273200

Gene Model: Misin02G273200.1.p

Description: McsEXPB-18

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

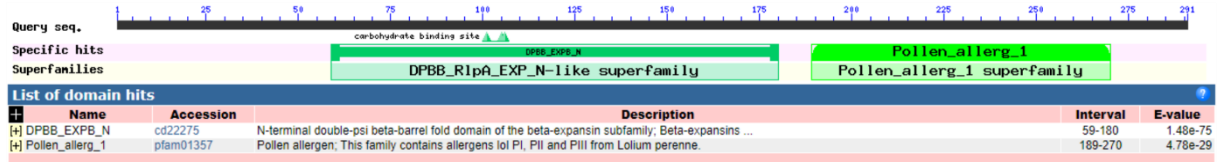
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-18

MGSPSSLPAAAAALVVLAILAGGGHCREAQFDATDAAAAAGTAENYNTSDAAVY
WGPWQKARATWYGQPNGAGPDDNGGACGFKHTNQYPFMSMGSCGNQPLFKDGK
GCGSCYKIRCTKDKSCSGKAETVIITDMNYYPVSKYHFDLSGTAFGRLSKPGLNDKL
RHSGIIDIEFTRVPCEFPGLKIGFHVEEYSNPVYFAVLVEYEDGDGDVVQVDLMESKT
AHGPPTGRWTPMRESWGSIW RMDTNHRMQAPFSIRIRNESGKTLVANNVIPANWRP
NSFYRSFVQYQ*

CDS (coding sequence)

>McsEXPB-18

ATGGGCTCCCCCTCCTCCCTCCCCGCCGCCGCGGGCGGCGCTCGTGGTCCTGGCCAT
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CGCCGCCGCCGCCGGCACGGCGGAGAACTACAACACCAGCGACGCCGCCGTGTA
CTGGGGCCCCCTGGCAGAAGGCCCGGGCCACCTGGTACGGCCAGCCCAACGGCGC
CGCCCCGACGACAACGGCGGCGCGTGC GGCTTCAAGCACACCAACCAGTACCC
CTTCATGTCCATGGGGTCCTGCGGCAACCAGCCATTGTTCAAGGACGGCAAGGGC
TGCGGCTCCTGCTACAAGATTCGGTGCACCAAGGACAAATCCTGCTCCGGGAAG
CGGAGACGGTGATCATCACCGACATGAACTACTACCCGGTGTCCAAGTACCACTT
CGACCTCAGCGGCACGGCGTTCGGCAGGCTGTCCAAGCCCGGCCTCAACGACAA
GCTCCGCCACTCCGGCATCATCGACATCGAGTTCACCAGGGTGCCGTGCGAGTTC
CCTGGGCTAAAGATCGGTTTCCACGTGGAGGAGTACTCCAACCCCGTTTACTTCG
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TGGAGTCCAAGACGGCGCACGGCCCCCCTACTGGGCGGTGGACGCCGATGCGCG
AGTCTGGGGCTCCATCTGGCGCATGGACACCAACCACCGCATGCAGGCGCCCTT
CTCCATCCGCATCCGCAACGAGTCCGGCAAGACGCTCGTCGCCAACAACGTCATC
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Nucleotide

>McsEXPB-18

CCACCGAACTAGGGCCGGCCGGCCCCAACCTTCATCCGCCAGCGTTTAATACGCG
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