

IDENTIFICATION

Species: *Miscanthus sinensis*

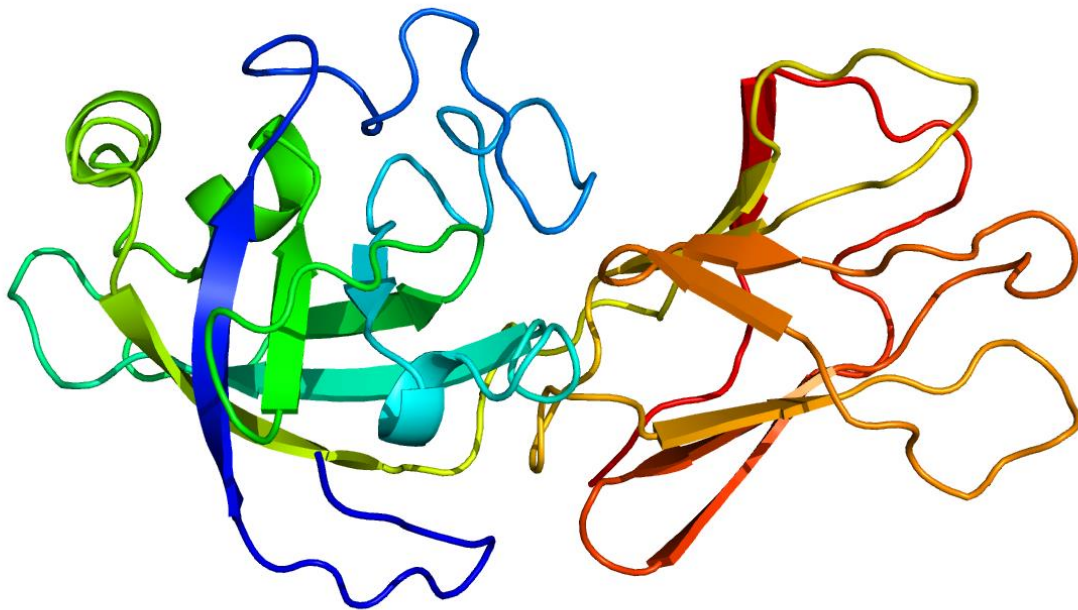
Locus: Misin01G284900

Gene Model: Misin01G284900.1.p

Description: McsEXPB-09

Family: Beta Expansin

3D structure:



GENOME DATABASES

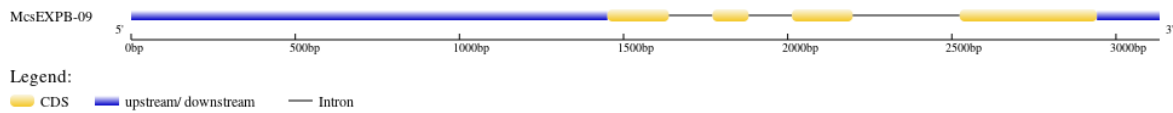
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

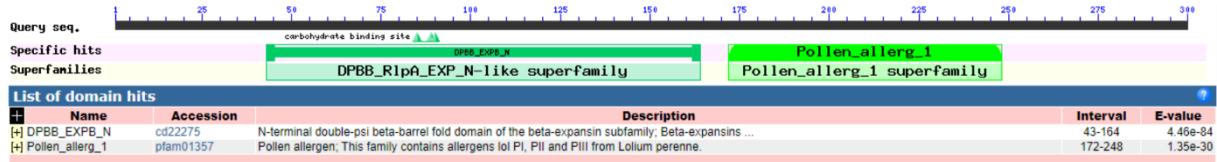
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-09

MMATLSSTVVALGALLLLLATCGSCAIPASFNASDFTADPNWEAARATWYGAPTG
 AGPDDNGGACGFKNVNLPFSAMTSCGNEPLFKDGGKGGSCYQIRCQNHPACSGNP
 ETVIITDMNYYPVAMYHFDLSGTAFGAMAKPGRNDELRHAGIIDIQFKRVPCCYYPGQ
 KVTFHVEEGSNPVYLAFLVEFEDGDGNVVQVDLMEANFGSWMPMRESWGSIWRLD
 SSHRLTAPFSLRITNESGKTLVANQVIPANWVPNTYRSLVQYNWLSAAAHNNSVS
 LWLISLVLVLYCCMGLSH*

CDS (coding sequence)

>McsEXPB-09

ATGATGGCCACCTTGTCCTCCACAGTAGTTGCACTTGGTGCCTTCTCCTCTTGCT
 CCTTGCAACGTGTGGCTCATGCGCGATACCGGCGAGCTTTAACGCCTCCGACTTC
 ACCGCCGATCCCAACTGGGAGGCTGCCAGGGCCACCTGGTACGGTGCGCCACC
 GGCGCCGGCCCTGATGACAACGGTGGCGCTTGTGGATTCAAGAACGTGAACCTGC
 CGCCGTTTTCGGCAATGACATCGTGCGGCAATGAGCCCCTGTTCAAGGACGGCAA
 GGGCTGTGGCTCCTGCTACCAGATACGATGCCAAAACCACCCTGCCTGCTCTGGC
 AACCCAGAGACGGTGATCATACTGACATGAACTACTACCCCGTGGCCATGTACC
 ACTTCGACCTCAGCGGCACGGCGTTCGGCGCCATGGCCAAGCCCGGCCGCAACG
 ACGAGCTCCGCCACGCCGGCATCATCGACATCCAGTTCAAGAGGGTGCCCTGCTA
 CTACCCCGGGCAGAAGGTGACTTTCCACGTTCGAGGAGGGCTCCAACCCCGTCTAC
 TTGGCGGTGCTCGTCGAGTTCGAAGACGGCGACGGCAACGTGGTGCAGGTGGAC
 CTCATGGAGGCCAACTTTGGGTCATGGATGCCGATGCGCGAGTCCTGGGGATCCA
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 CAACGAGTCCGGCAAGACACTGGTGGCTAATCAAGTCATCCCGGCCAACTGGGT
 GCCCAACACCTACTACCGTTCCCTCGTCCAGTATAATTGGCTCTCTGCTGCTGCGC
 ACCATAATAATTCTGTGTCATTGTGGTTGATTAGTTTGGTACTAGTATTGTATTGC
 TGCATGGGACTGAGCCATTGA

Nucleotide

>McsEXPB-09

CAACTTGTCTGGTAAGCACATTCAAGGTCGCCGGTTTCTCTTGTACCAGGCCGT
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