

IDENTIFICATION

Species: *Miscanthus sinensis*

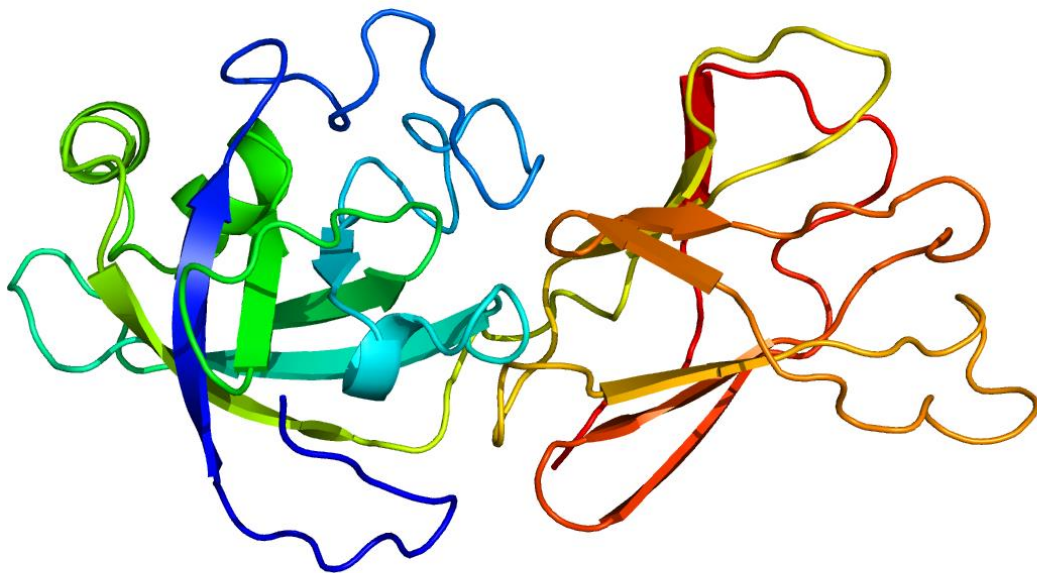
Locus: Misin01G284300

Gene Model: Misin01G284300.1.p

Description: McsEXPB-05

Family: Beta Expansin

3D structure:



GENOME DATABASES

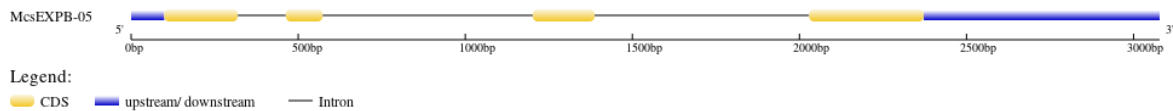
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

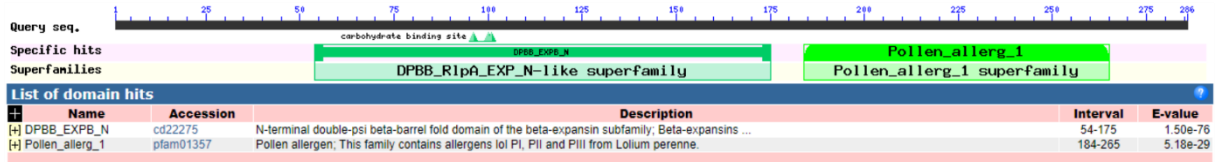
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-05

MGSPSSLPAAAAALVLLALLAGGGHCREAQVDATDAGTAENFNNTSDAAVYWGPWQ
KARATWYGQPNGAGPDDNGGACGFKHTNHYPFMSMGSCGNQPLFKDGGKCGSCY
KIRCTKDKSCSGKAETVIITDMNYYPVSKYHFDLSGTAFGAMAKPGLNDKLRHSGIID
IEFTRVPCEFPGLKIGFHVVEEYSNPVYFAVLVEYEDGDGDVVQVDLMESKTAHGPPPT
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VQYQ*

CDS (coding sequence)

>McsEXPB-05

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GAAGGCCCGGGCCACCTGGTACGGCCAGCCCAACGGCGCCGGCCCCGACGACAA
CGGTGGCGCGTGC GGCTTCAAGCACACCAACCACTACCCCTTCATGTCCATGGGG
TCCTGCGGCAACCAGCCATTGTTCAAGGACGGCAAGGGCTGCGGCTCCTGCTACA
AGATTCGGTGCACCAAGGACAAATCCTGCTCCGGCAAGGCGGAGACGGTGATCA
TCACCGACATGAACTACTACCCGGTGTCCAAGTACCACTTCGACCTCAGCGGCAC
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CGAGGACGGCGACGGCGACGTGGTGCAGGTGGACCTGATGGAGTCCAAGACGGC
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CTGGCGCATGGACACCAACCACGCATGCGGGCGCCCTTCTCCATCCGCATCCGC
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Nucleotide

>McsEXPB-05

CACCACTGCTCCCACTCACCCACAGTCACCGACGCTGCCCACTGCTTTAGCTAGA
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