

IDENTIFICATION

Species: *Miscanthus sinensis*

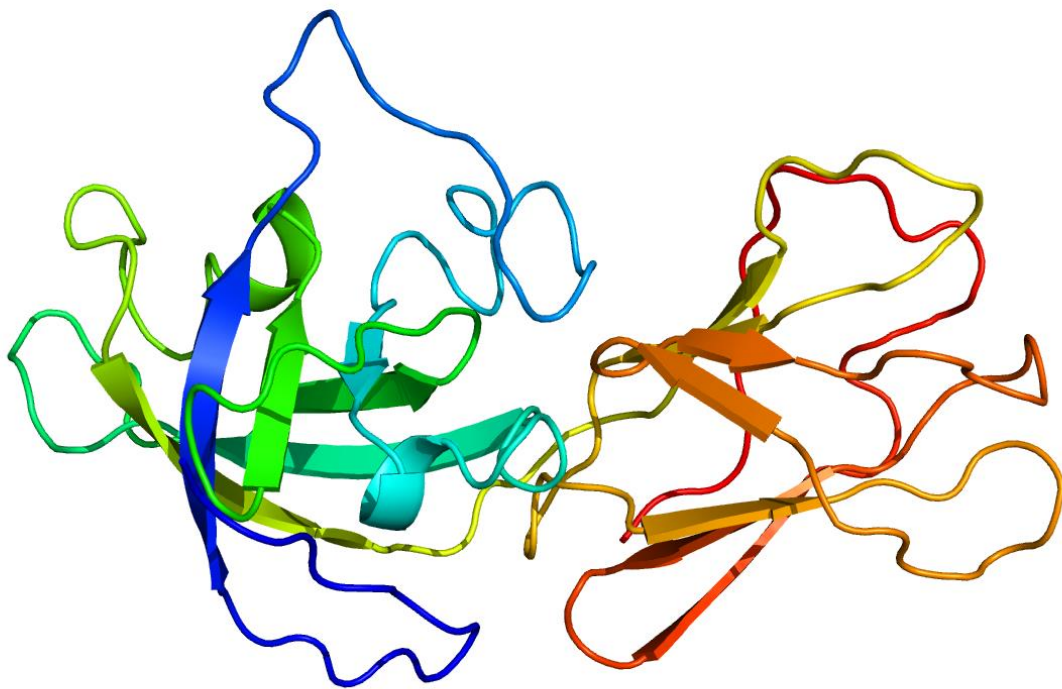
Locus: Misin11G185000

Gene Model: Misin11G185000.1.p

Description: McsEXPA-49

Family: Alpha Expansin

3D structure:



GENOME DATABASES

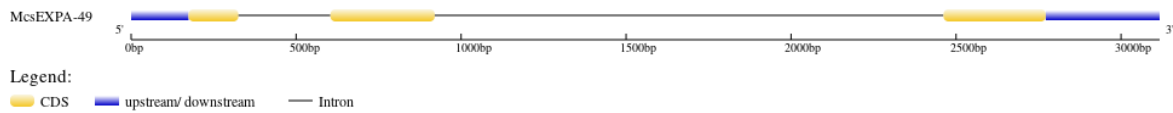
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

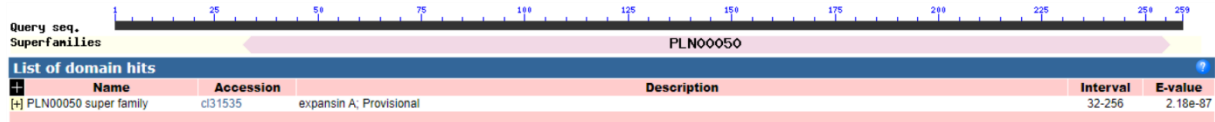
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPA-49

MAPPLLLFLLLLLALSTGHQHPSSYGSSALSEWRPAKASYAADPEDAIGGACGFG
DLGKHGYGMATVGLSTALFERGAACGGCYEVKCVEDLKYCLPGTSIVVTATNFCAP
NYGLPADAGGHCNPPNHHFLLPIQSF EKIALWKASIMPIQYRRVKCLREGGVRFVSVG
QHFFFTVLISNVGGAGDVRSVKIKGTELGWLSMGRNWGQVWHINCDMRGQPLSFEL
SSSDGKTLTSFNVVPKDWEYGKTYTGKQFL*

CDS (coding sequence)

>McsEXPA-49

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TTCGGGGATCTGGGGAAGCACGGGTACGGGATGGCGACGGTGGGGCTGAGCACC
GCGCTGTTTCGAGCGCGGCGCGGCGTGC GGCGGCTGCTACGAGGTCAAGTGCGTC
GAGGATCTCAAGTACTGCCTCCCCGGCACCTCCATCGTTGTCACGGCCACCAACT
TCTGCGCCCCAACTACGGCCTCCCCGCCGACGCCGGCGGCCACTGCAACCCGCC
CAACCACCATTTCTCCTCCCCATCCAGTCGTTTGAGAAGATTGCGCTCTGGAAG
GCCAGCATCATGCCATCCAGTACCGCCGTGTTAAGTGCCTCCGTGAAGGTGGTG
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GGTGGCGCGGGTGATGTTAGATCTGTGAAGATCAAAGGAACAGAGTTAGGATGG
CTCTCGATGGGCCGCAATTGGGGCCAGGTGTGGCACATCAACTGTGACATGAGGG
GACAACCCCTGTCATTTGAGCTCAGCTCAAGCGATGGCAAGACACTGACCAGTTT
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Nucleotide

>McsEXPA-49

AAACATCTATAAAAGCAGGAAGGCCCCAGAAACCTGCAAAGTACCCAAGCTGA
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