

IDENTIFICATION

Species: *Miscanthus sinensis*

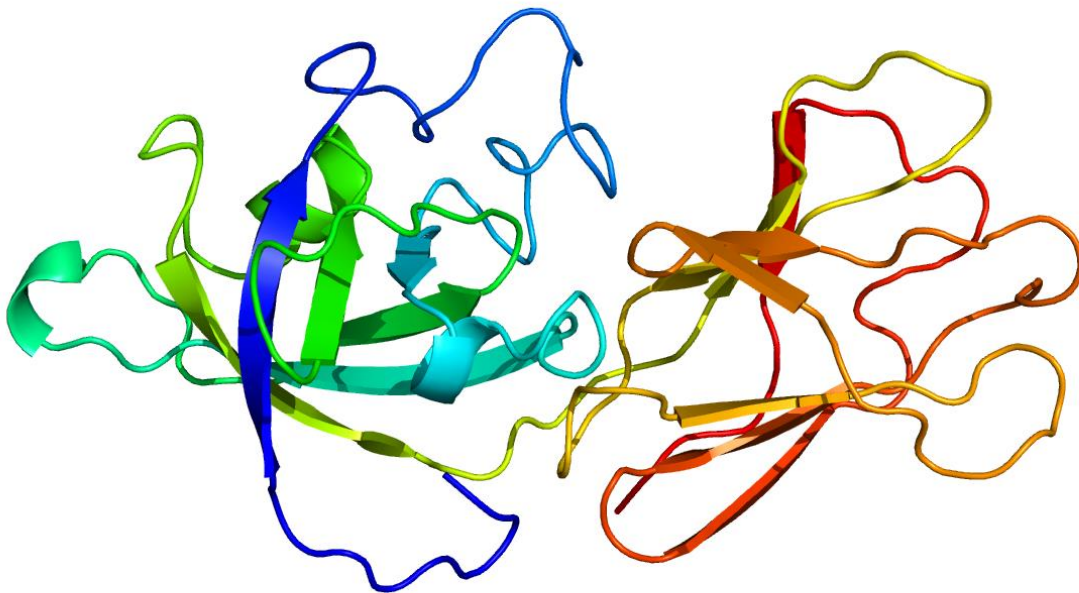
Locus: MisinT137000

Gene Model: MisinT137000.1.p

Description: McsEXPA-66

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

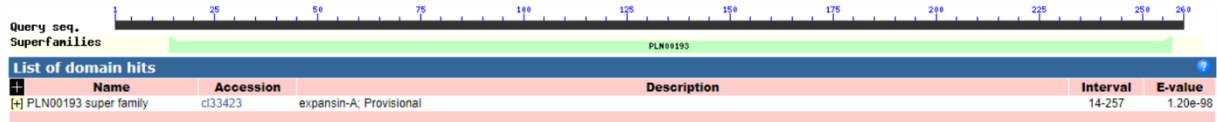
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPA-66

MGKRFLHQLLAVVLALFVSPARSGDWLPATATFYGGANGSDTMGGACGYSDLYEQ
GYGINNAALSTALFNDGASCGQCYVIICDSSKTGWCKPGNNWVVSATNFCPPNWD
LSASGELPAGGWCAPPRPHFDMSQPAWENIGISTAGIIPVLYQRVKCWKNGGVRFTIA
GFDHFYMLITNVAGSGSIQSMVAVKGANTDWIPMYRNWGANWHCLSGGLVGQGLS
FALISTGGQNIIFQDVPVPAWWQFGQTYTTYQNFDY*

CDS (coding sequence)

>McsEXPA-66

ATGGGGAAACGTTTCCTCCACCAGCTACTCGCCGTCGTCCTTGCACTCTTCGTCTC
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AATGGCTCCGACACAATGGGTGGTGCGTGCGGGTACAGCGACCTGTACGAGCAG
GGCTACGGCATCAACAATGCGGGCGCTGAGCACGGCGCTCTTCAACGACGGCGCG
TCGTGCGGACAGTGCTACGTCATCATCTGCGACAGCAAGACCGGGTGGTGCA
AGCCCGGCAACAACACTGGGTCGTCGTCTCCGCCACCAACTTCTGCCCCGCCAACTG
GGACCTCTCCGCCAGCGGGGAGCTCCCCGCCGGCGGCTGGTGCGCCCCGCCCGC
CCCCACTTCGACATGTCCCAGCCCGCCTGGGAGAACATCGGCATCTCCACCGCCG
GCATCATCCCCGTCTCTACCAGCGGGTCAAGTGCTGGAAGAACGGCGGGCGTGCG
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GGAGCGGCTCCATCCAGAGCATGGCGGTGAAGGGCGCCAACACGGACTGGATCC
CCATGTACAGGAACTGGGGCGCCAACACTGGCACTGCCTCTCCGGCGGGCTCGTCGG
ACAGGGCCTCAGCTTCGCGCTCATCTCCACCGGCGGCCAGAACATCATCTTCCAG
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Nucleotide

>McsEXPA-66

GGAATTGAGTTTAGTTTAATTCCACTCCAATCCACTTCAACACACGTGGATTGAG
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