

IDENTIFICATION

Species: *Miscanthus sinensis*

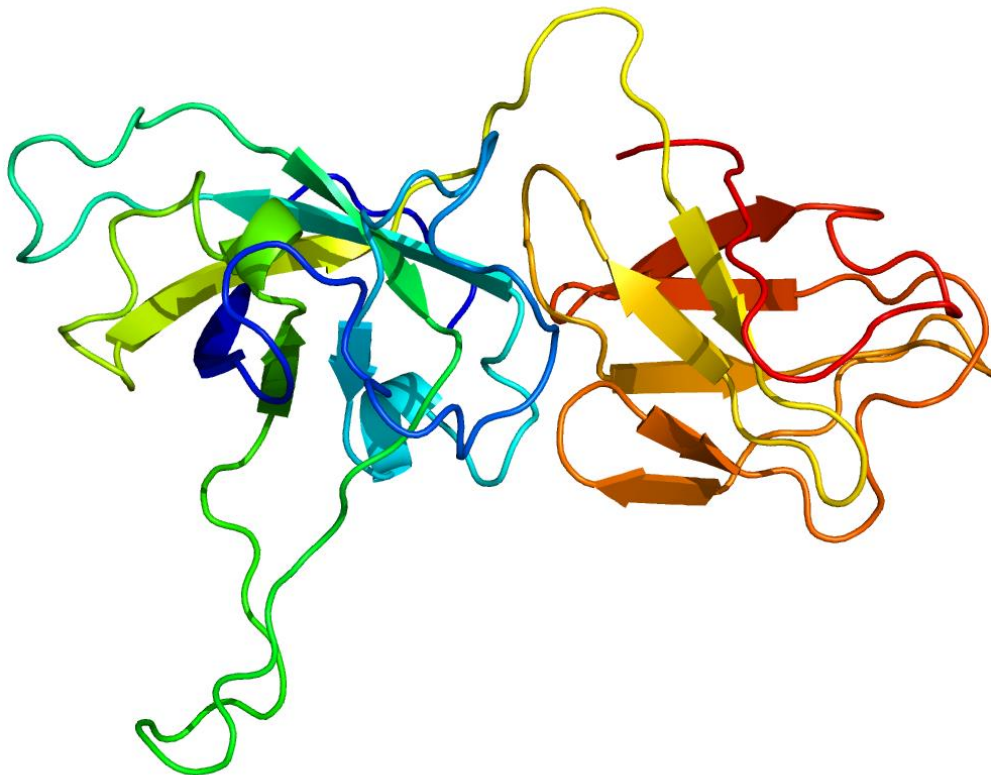
Locus: Misin17G172100

Gene Model: Misin17G172100.1.p

Description: McsEXPA-56

Family: Alpha Expansin

3D structure:



GENOME DATABASES

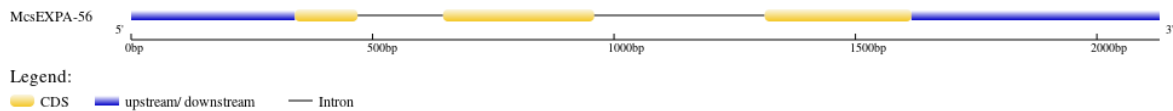
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

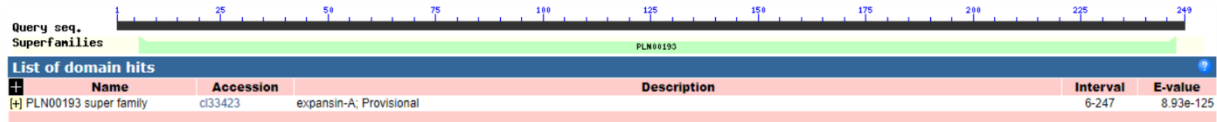
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPA-56

MAIAGALFVLLGLLAREAAAGGYGGWQSAHATFYGGGDASGTMGGACGYGNLYS
TGYGTNTAALSTALFNDGAACGSCYELRCDNAGKSCLPGTITVTATNFCPPNYGLPS
DDGGWCNPPRPHFDMAEPAFLHIAQYRAGIVPVAFRRVPCVKKGGIRFTINGHSYFN
LVLVTNVAGAGDVRSVSIRGSRTGWQPMSRNWQNWQSNLYLDRQALSQVTASD
GRTATSNNAVPAGWQFGQTFEGAQF*

CDS (coding sequence)

>McsEXPA-56

ATGGCCATTGCCGGTGCTCTTTTCGTCCTGCTCGGTCTCCTGGCCCGGGAAGCCGC
GGCCGGCGGCTACGGCGGGTGGCAGAGCGCGCACGCCACGTTCTACGGCGGCGG
CGACGCGTCCGGCACAATGGGCGGCGCGTGCGGGTACGGCAACCTGTACAGCAC
CGGGTACGGCACGAACACGGCGGGCGCTGAGCACGGCGCTGTTCAACGACGGCGC
GGCGTGCGGGTCTGCTACGAGCTGCGGTGCGACAACGCCGGGAAGTCGTGCCT
GCCGGGCACCATCACCGTGACGGCCACCAACTTCTGCCCGCCCACTACGGCCTC
CCCAGCGACGACGGCGGCTGGTGCAACCCGCCGCGGCCGCACTTCGACATGGCC
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TCAGGAGAGTTCGGTGCCTGAAGAAGGGCGGCATCCGGTTCACCATCAACGGTC
ACTCTACTTCAACCTGGTGCTGGTGACCAACGTGGCGGGCGCCGGCGACGTGCG
GTCCGTCTCCATCCGGGGCTCCCGGACCGGGTGGCAGCCATGTCCCGGAACTGG
GGCCAGAACTGGCAGAGCAACTCGTACCTGGACCGGCAGGCGCTCTCGTTCCAG
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Nucleotide

>McsEXPA-56

GCGTATGGCCGTGGCCGTGGCCATGGGGCACGTCGCTCAGGCCACCGGGCCGAC
CCTTTTTTTTTGTTTCGTTTCTTCTTTTATGGCCCCCTTTCGCCGCACCAAATCGC
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