

IDENTIFICATION

Species: *Miscanthus sinensis*

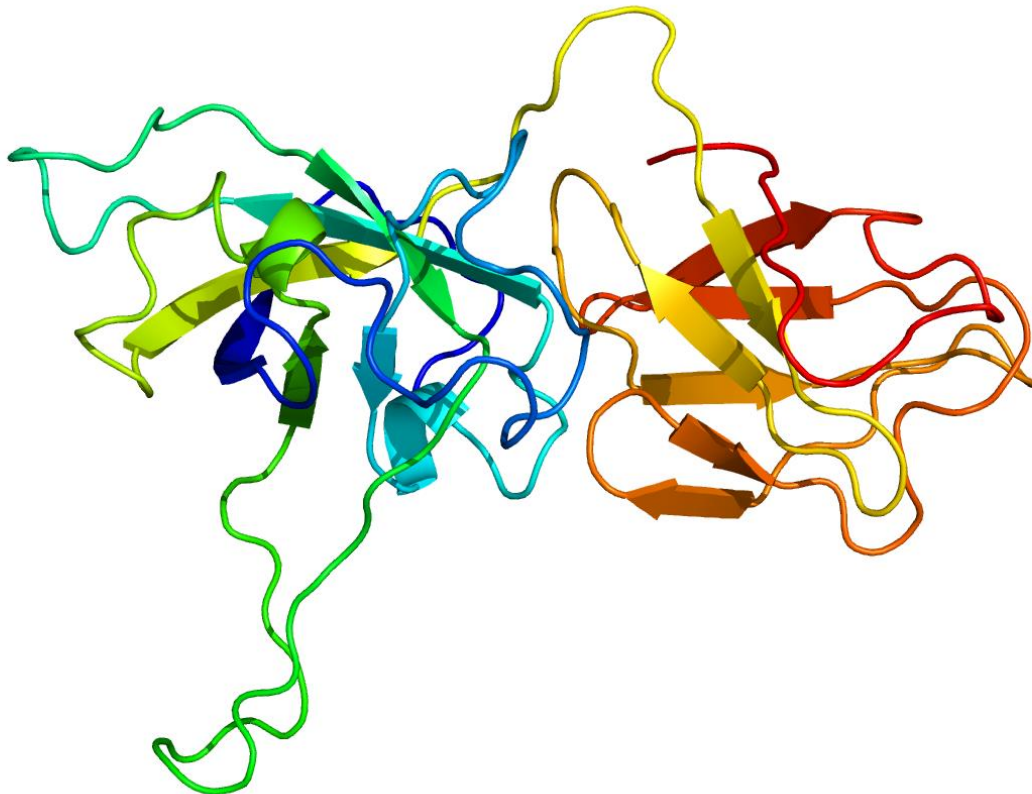
Locus: Misin16G173300

Gene Model: Misin16G173300.1.p

Description: McsEXPA-55

Family: Alpha Expansin

3D structure:



GENOME DATABASES

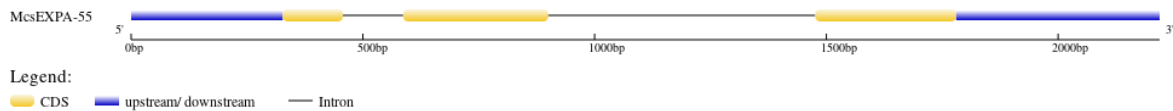
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

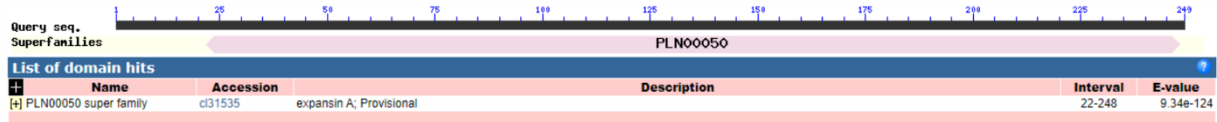
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPA-55

MAIAGALFLLLGLLAREAAAGGYGGWQSAHATFYGGGDASGTMGGACGYGNLYST
GYGTNTAALSTALFNDGAACGSCYELRCDNAGKSCPLPGTITVTATNFCPPNYGLPSD
DGGWCNPPRPHFDMAEPAFLHIAQYRAGIVPVAFRRVPCVKKGGIRFTINGHSYFNL
VLVTNVAGAGDVRVSIRGSRTGWQPMSRNWQNWQSNLYDRQALSFQVTASDG
RTVTSNNAVPAWQFGQTFEGAQF*

CDS (coding sequence)

>McsEXPA-55

ATGGCCATTGCCGGTGCTCTTTTCCTCCTCCTCGGTCTCCTCGCCCGGGAAGCCGC
GGCCGGCGGCTACGGCGGGTGGCAGAGCGCGCACGCCACGTTCTACGGCGGCGG
CGACGCGTCCGGCACAATGGGCGGCGCGTGCGGGTACGGCAACCTGTACAGCAC
CGGGTACGGCACGAACACGGCGGGCGCTGAGCACGGCGCTGTTCAACGACGGCGC
GGCGTGCGGGTCTGCTACGAGCTGCGGTGCGACAACGCGGGCAAGTCGTGCCT
GCCGGGCACCATCACCGTGACGGCCACCAACTTCTGCCCGCCCACTACGGCCTC
CCCAGCGACGACGGTGGCTGGTGCAACCCGCCGCGGCCGCACTTCGACATGGCC
GAGCCGGCCTTCTCCACATCGCGCAGTACCGCGCCGGCATCGTGCCCGTCGCAT
TCAGGAGAGTTCGCTGCGTGAAGAAGGGCGGCATCCGGTTCACCATCAACGGCC
ACTCTACTTCAACCTGGTGCTGGTGACCAACGTGGCGGGCGCCGGCGACGTGCG
TTCCGTCTCCATCCGGGGCTCCCGCACCGGGTGGCAGCCCATGTCCCGGAACTGG
GGCCAGAACTGGCAGAGCAACTCGTACCTGGACCGGCAGGCGCTCTCGTTCCAG
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Nucleotide

>McsEXPA-55

CCGTGGCCATCGGGCACGTCGCTCACGCTCAGGCCACCGGGCCGGGCCTTTTTTC
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