

IDENTIFICATION

Species: *Miscanthus sinensis*

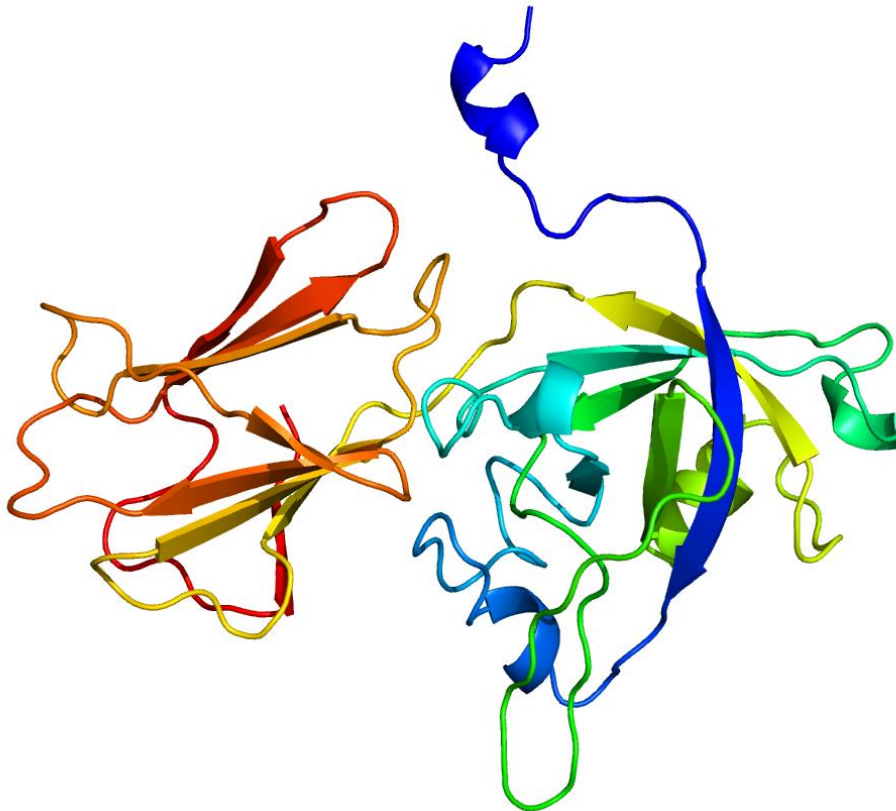
Locus: MisinT034100

Gene Model: MisinT034100.1.p

Description: McsEXPA-61

Family: Alpha Expansin

3D structure:



GENOME DATABASES

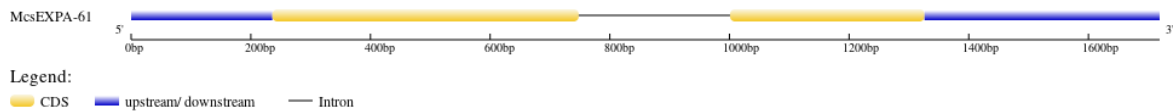
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

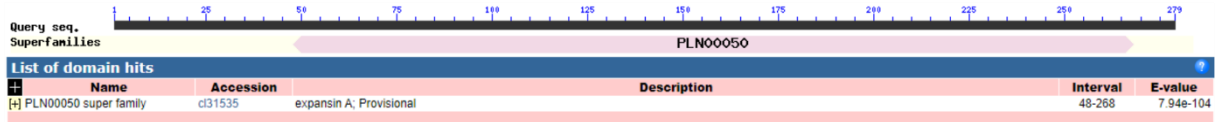
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPA-61

MWMWCSRKRMRMRSNNDLLLLAIVILLAGACASAGPAAGAGYMGGGPWQSAHAT
LYGGSDASGTMGGACGYGNLYSAGYGVETGALSTSLFNGLTCGACFQIKCSSGG
CNPGPSVVITATNFCPPNYALPSDAGGWCNPPRHFDLSMPAFLRIADYRAGIVPVT
YRRVACRKS GGIRFSVNGFRYFNLVLISNVGGAGDVRAAVKASHTEWLPLARNWG
QNWQCSSILVGGALSFRVTTSDRRTLTSWNVAGPAWRFGQKFTAGKNFRIAAAR*

CDS (coding sequence)

>McsEXPA-61

ATGTGGATGTGGTGCAGCCGCAAGCGCATGCGGATGCGCAGCAACAATGATCTC
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CGGCTGGCGCGGGGTACATGGGCGGCGGGCCGTGGCAGAGCGCGCACGCCACCT
TGTACGGTGGCAGCGATGCGTTCGGGCACCATGGGCGGCGCCTGCGGGTACGGCA
ACCTCTACAGCGCGGGGTACGGCGTGGAGACGGGGGCGCTCAGCACGTCGCTCTT
CAACAACGGACTCACCTGCGGCGCCTGCTTCCAGATCAAGTGCAGTTCCAGCGGC
GGCTGCAACCCCGGGAGCCCCTCCGTGGTGATCACGGCCACAACTTCTGCCC GC
CCA ACTACGCGCTGCCCTCGGACGCCGGCGGGTGGTGCAACCCGCCGCGCCACCA
CTTCGACCTCTCCATGCCGGCATTCTCCGCATCGCAGACTACCGCGCCGGCATC
GTCCCCGTACATAACGGAGGGTGGCGTGCCGCAAGTCCGGCGGCATCCGGTTCA
GCGTCAACGGCTTCCGCTACTTCAACCTGGTGCTGATCAGCAACGTGGGCGGGCGC
CGGCGACGTGGTCCGCGCCCGCTCAAGGCCTCGCACACGGAGTGGCTGCCCTG
GCGCGCAACTGGGGACAGA ACTGGCAGTGCAGCTCCATCCTCGTGGGCGGGGCG
CTCTCCTTCCGCGTCACCACCAGCGACCGCCGCACCCTCACCTCCTGGAACGTCG
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CGCCGCCGCCCGCTAG

Nucleotide

>McsEXPA-61

GGTGACCTTGCATATATATCGATGAGGACAGAACTGTCTGTGTTTCTCATCCCTCA
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