

IDENTIFICATION

Species: *Miscanthus sinensis*

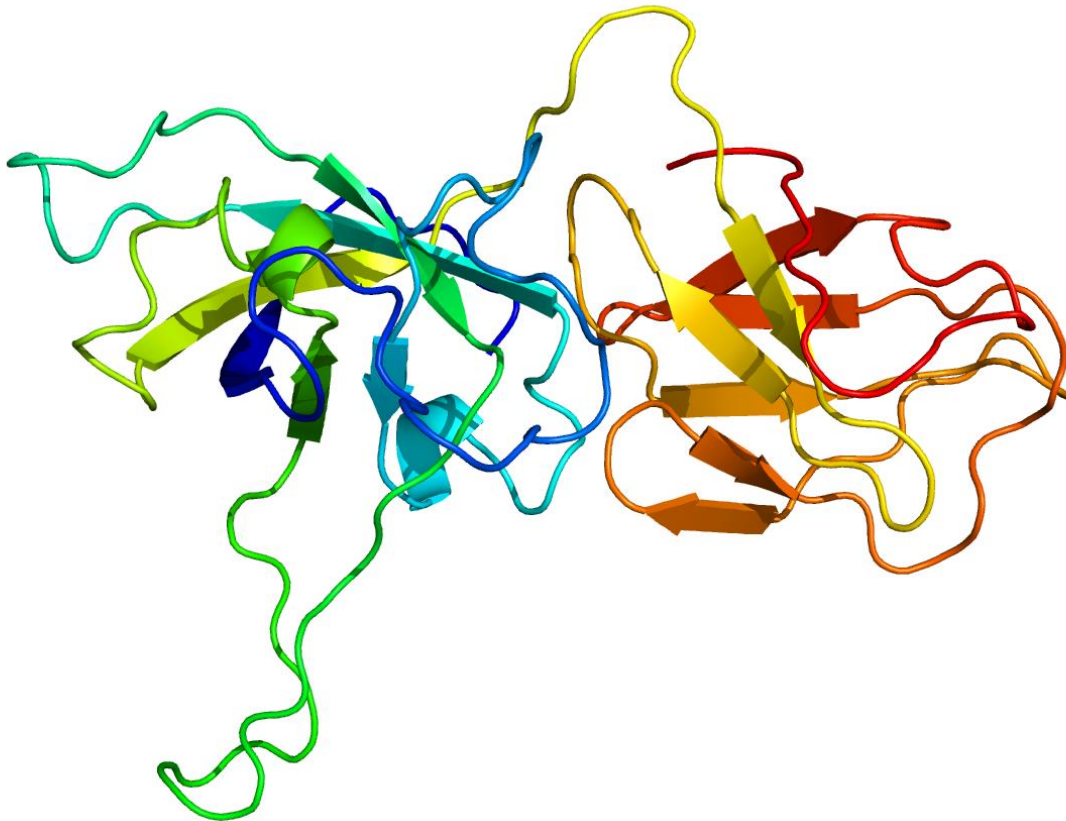
Locus: Misin05G317500

Gene Model: Misin05G317500.1.p

Description: McsEXPA-29

Family: Alpha Expansin

3D structure:



GENOME DATABASES

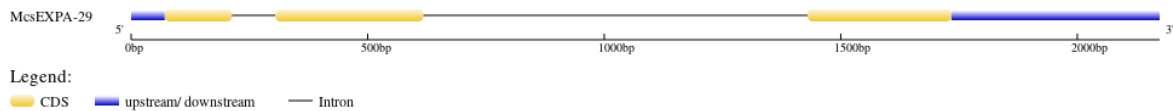
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

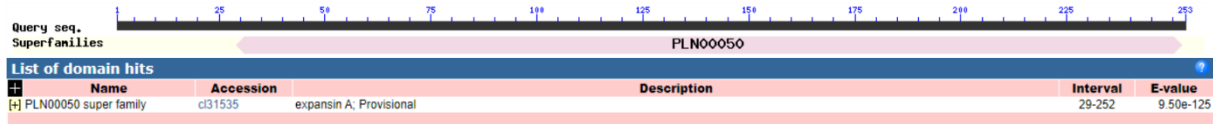
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPA-29

MAAAANVLLLLLSTFCFLAHRAAGDYGAWQSAHATFYGGGDASGTMGGACGYG
NMYSTGYGTNTAALSTALFNDGAACGSCYELRCDNDGQWCLPGTITVTATNFCPPN
YGLPSDDGGWCNPPRPHFDMAQPAFLQIAQYRAGIVPVITYRRVPCVKKGGIRFTING
HSYFNLVLTNVAGAGDVQSVSIKGSSTGWQPMSRNWQNWQSNLLDGGQSLSFQ
VTASDGRTVSSNDVAPAGWQFGQTFEGGQF*

CDS (coding sequence)

>McsEXPA-29

ATGGCAGCAGCTGCCAATGTCCTGCTCCTCCTGCTCTGCTCAACCTTCTGCTTCTCCT
TGCCCACCGGGCCGCCGGCGACTACGGCGCGTGCCAGAGCGCCACGCCACGTT
CTACGGCGGGCGGCGACGCGTCCGGCACAATGGGCGGCGCGTGCGGCTACGGGAA
CATGTACAGCACGGGGTACGGCACCAACACGGCGGGCGCTGAGCACGGCGCTGTT
CAACGACGGCGCCGCGTGCGGGTCTGCTACGAGCTGCGCTGCGACAACGACGG
GCAGTGGTGCCTGCCGGGCACCATCACCGTGACGGCCACCAATTTCTGCCCGCCC
AATTACGGCCTCCCCAGCGACGACGGCGGCTGGTGCAACCCGCCGCGCCCGCACT
TCGACATGGCACAGCCGGCCTTCTCCAGATCGCGCAGTACCGCGCCGGCAGTCGT
GCCCAGTACCTACAGGAGGGTGCCGTGCGTGAAGAAGGGCGGCATCCGGTTCAC
CATCAACGGCCACTCCTACTTCAACCTTGTGCTGGTGACCAACGTGGCCGGCGCC
GGGACGTGCAGTCCGTCTCCATCAAGGGCTCCAGCACCGGGTGGCAGCCCATGT
CCCGAACTGGGGCCAGAAGTGGCAGAGCAACTCGCTCCTGGACGGCCAGAGTC
TCTCCTTCCAGGTCACCGCCAGCGACGGCCGCACCGTCAGCAGCAACGACGTCGC
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Nucleotide

>McsEXPA-29

GCAACTCTCGATTCTAATCAGCTAGCCAGGTCGAGTCGAGGAGAGTCAGTGACT
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CGCCACGCCACGTTCTACGGCGGGCGGCGACGCGTCCGGCACAATGGGTGAGTCC
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