

IDENTIFICATION

Species: *Miscanthus sinensis*

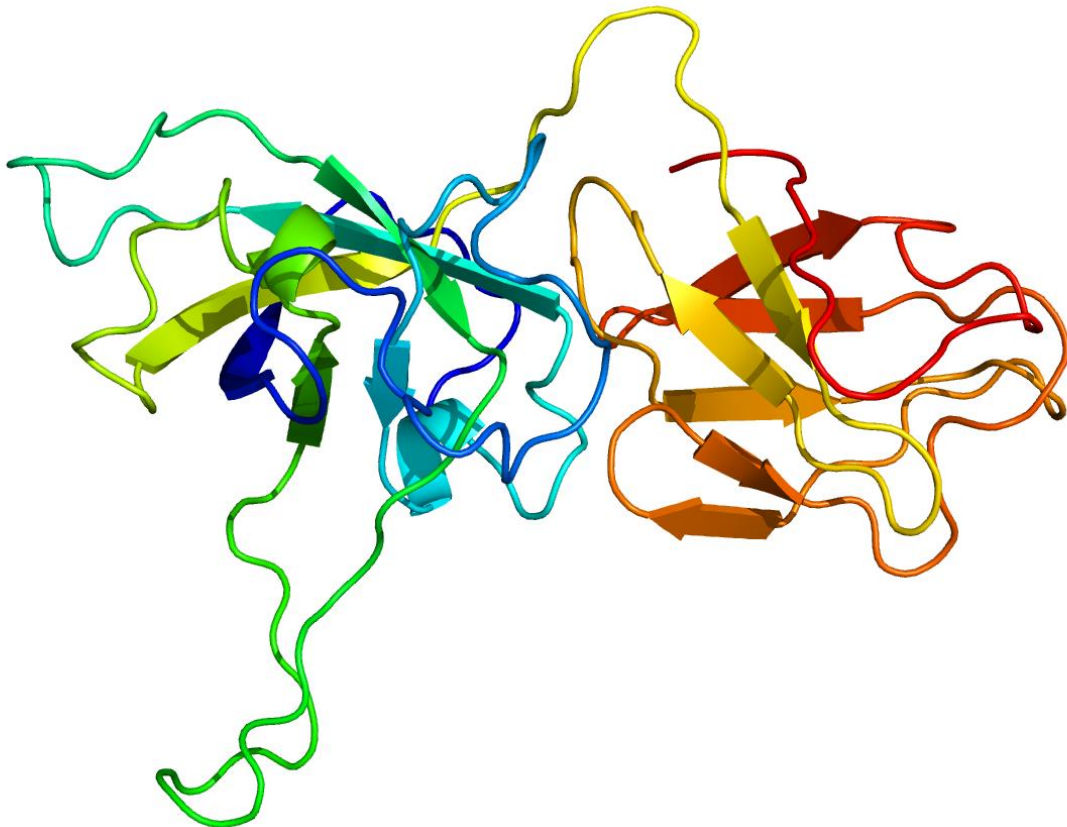
Locus: Misin06G305800

Gene Model: Misin06G305800.1.p

Description: McsEXPA-33

Family: Alpha Expansin

3D structure:



GENOME DATABASES

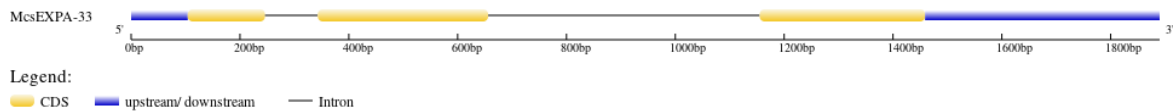
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

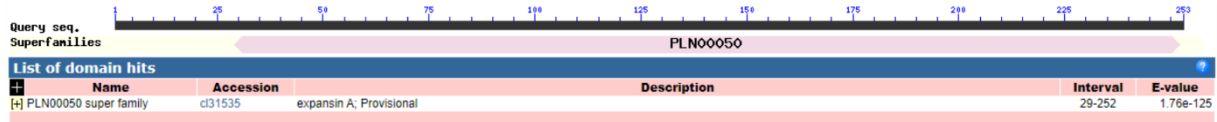
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPA-33

MAAAANVLLLLLSTFCFLAHLAAGDYGAWQSAHATFYGGGDASGTMGGACGYG
NMYSTGYGTNTAALSTALFNDGAACGSCYELRCDNDGQWCLPGTITVTATNFCPPN
YGLPSDDGGWCNPPRPHFDMAQPAFLQIAQYRAGIVPVAYRRVPCVKKGGIRFTING
HSYFNLVLVTNVAGAGDVQSVSIKGSSTGWQPMSRNWQNWQNSLLDQSLSFQ
VTASDGRTVTSNDVAPAGWQFGQTFEGAQF*

CDS (coding sequence)

>McsEXPA-33

ATGGCAGCAGCTGCCAATGTCCTGCTCCTCCTGCTCTGCTCAACCTTCTGCTTCTCCT
TGCCACCTGGCGGCTGGCGACTACGGCGCGTGGCAGAGCGCCCACGCCACGTTT
TACGGCGGCGGCGACGCGTCCGGCACAATGGGCGGCGCGTGC GGCTACGGGAAC
ATGTACAGCACGGGGTACGGCACGAACACGGCGGCGCTGAGCACGGCGCTGTTC
AACGACGGCGCCGCGTGC GGGTCTGCTACGAGCTGCGCTGCGACAACGACGGG
CAGTGGTGCCTGCCGGGCACCATCACCGTGACGGCCACCAACTTCTGCCCGCCCA
ACTACGGCCTCCCAGCGACGACGGCGGCTGGTGCAACCCGCCGCGCCCGCACTT
CGACATGGCACAGCCGGCCTTCTCCAGATCGCGCAGTACCGCGCCGGCATCGTG
CCCGTGCCTACAGGAGGGTGCCGTGCGTGAAGAAGGGCGGGATCCGGTTCACC
ATCAACGGCCACTCTACTTCAACCTGGTGCTGGTGACCAACGTGGCCGGCGCCG
GGGACGTGCAGTCCGTCTCCATCAAGGGCTCCAGCACCGGGTGGCAGCCCATGTC
CCGGA ACTGGGGCCAGAACTGGCAGAGCAACTCGCTCCTCGACGGCCAGAGCCT
CTCCTTCCAGGTCACCGCCAGCGACGGCCGACCGTCAACAGCAACGACGTCGCG
CCGGCCGGCTGGCAGTTCGGCCAGACCTTCGAGGGGCGCCAGTTCTAG

Nucleotide

>McsEXPA-33

GGCCTCTGCGCCCCACTCCCTTACAGCCAAGCAACTCTCGATTCTAATCAGCTA
GCTCGAGTCGAGGAGAGTCAGTGACGACTCAGTGTGTTGTGTGCTACAATGGCAG
CAGCTGCCAATGTCCTGCTCCTCCTGCTCTGCTCAACCTTCTGCTTCTTGCCCAC
CTGGCGGCTGGCGACTACGGCGCGTGGCAGAGCGCCCACGCCACGTTTTACGGCG
GCGGCGACGCGTCCGGCACAATGGGTGAGTCTCCACCACGAACGATCGGGCTA
ACTGCTAGGCTCCGTTTGGAACTTGGAACTGACGTTGCTGTACATGCTGCGCTCGT

