

IDENTIFICATION

Species: *Miscanthus sinensis*

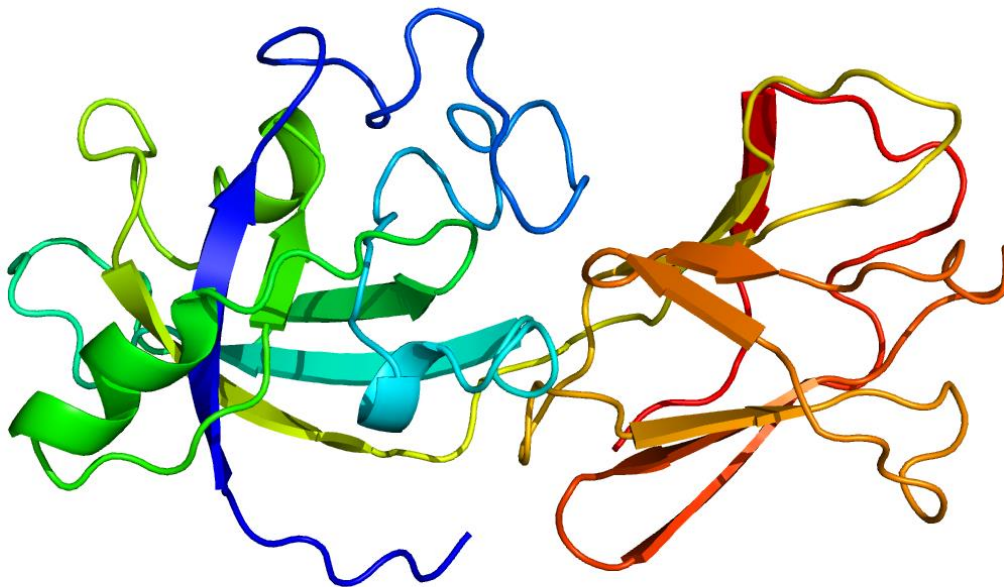
Locus: Misin05G088900

Gene Model: Misin05G088900.1.p

Description: McsEXPA-26

Family: Alpha Expansin

3D structure:



GENOME DATABASES

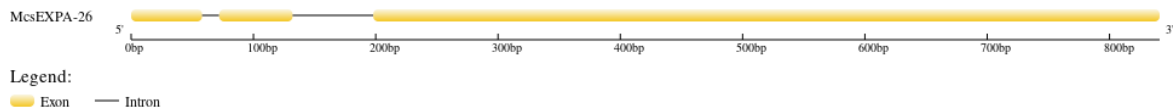
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

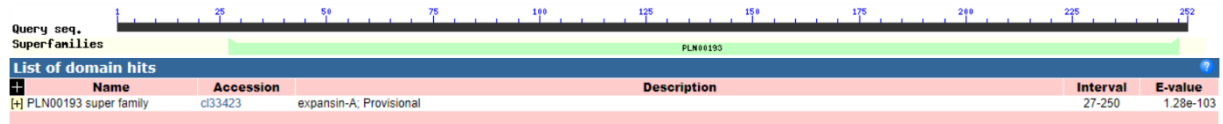
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPA-26

MAKKLALPLLSAFFSSSEAQWTPAFATFYGGSDASGTMGFALTNNANEIKRSGGAC
GYGTRTTALLNNGAMCGACFAIACDARRSRWCKPGAASVTVTATNLCPPNWALSG
DAGRGWCNPRRAPAWEAIAVYRAGIVPVNYRCVPCRGRSGGVRFVQGHSYFELAT
VANVGGSGVVAQAWIKGSATDWMPMSRNWGANWSSNAYLNGKGLSFRLRSDDGR
VVTAYNVAPKGWWFGATYTSNAQF*

CDS (coding sequence)

>McsEXPA-26

ATGGCGAAGAAGCTCGCGCTGCCCTGGCCCTGTCCGCCTTCTTCTCTTCCTCGGA
GGCTCAGTGGACACCCGCCTTCGCCACGTTCTACGGCGGCAGCGACGCGTCCGGC
ACCATGGGTTTCGCATTAACGAACAATGCTAACGAAATCAAACGATCAGGCGGC
GCGTGCGGGTACGGCACGCGCACGACGGCGCTGTTGAACAACGGCGCCATGTGC
GGCGCGTGCTTCGCCATCGCCTGCGACGCGCGCCGGTTCGCGGTGGTGCAAGCCGG
GCGCCGCCTCCGTCACGGTCACGGCCACCAACCTGTGCCCCGCCAACTGGGCGCT
GTCGGGCGACGCCGGCCGCGGCTGGTGCAACCCGCGCCGCGCCCCGGCGTGGA
GGCCATCGCCGTGTACCGCGCCGGGATCGTGCCCGTCAACTACCGCTGCGTGCCG
TGCCGCGGCAGGAGCGGCGGCGTACGGTTCGCCGTGCAGGGCCACAGCTACTTCG
AGCTGGCCACCGTCGCCAACGTGCGCGGCAGCGGCGTTCGTGGCGCAGGCCTGGA
TCAAGGGCTCCGCCACGACTGGATGCCCATGAGCCGCAACTGGGGCGCCAACT
GGTCGAGCAACGCGTACCTCAACGGGAAGGGCCTCTCGTTCCGCCTCAGGTCCGA
CGACGGCCGCGTTCGTACGGCGTACAACGTTCGCGCCCAAAGGCTGGTGGTTCGGC
GCCACCTACACGTCCAATGCCAGTTCTAG

Nucleotide

>McsEXPA-26

ATGGCGAAGAAGCTCGCGCTGCCCTGGCCCTGTCCGCCTTCTTCTCTTCCTCGGA
GGGTCCGTGGCGGCAGCTCAGTGGACACCCGCCTTCGCCACGTTCTACGGCGGCA
GCGACGCGTCCGGCACCATGGGTAATTAAGTTCGTCCATCAACACTTGACT
ATGCTGCTAGCCTGCAGCCTGCTGCCATGCAGGTTTCGCATTAACGAACAATGCT
AACGAAATCAAACGATCAGGCGGCGCGTTCGGGTACGGCACGCGCACGACGGCG
CTGTTGAACAACGGCGCCATGTGCGGCGCGTGCTTCGCCATCGCCTGCGACGCGC

GCCGGTCGCGGTGGTGCAAGCCGGGCGCCGCCTCCGTCACGGTCACGGCCACCA
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CCCGCGCCGCGCCGCCACTTCGACATGTCCCAGCCGGCGTGGGAGGCCATCGCCG
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GAGCGGCGGCGTCAGGTTCCCCGTGCAGGGCCACAGCTACTTCGAGCTGGCCACC
GTCGCCAACGTCGGCGGCAGCGGCGTCGTGGCGCAGGCCTGGATCAAGGGCTCC
GCCACGGACTGGATGCCCATGAGCCGCAACTGGGGCGCCAACTGGTCGAGCAAC
GCGTACCTCAACGGGAAGGGCCTCTCGTTCCGCCTCAGGTCCGACGACGGCCGCG
TCGTCACGGCGTACAACGTCGCGCCCAAAGGCTGGTGGTTCGGCGCCACCTACAC
GTCCAATGCCAGTTCTAG