

IDENTIFICATION

Species: *Miscanthus sinensis*

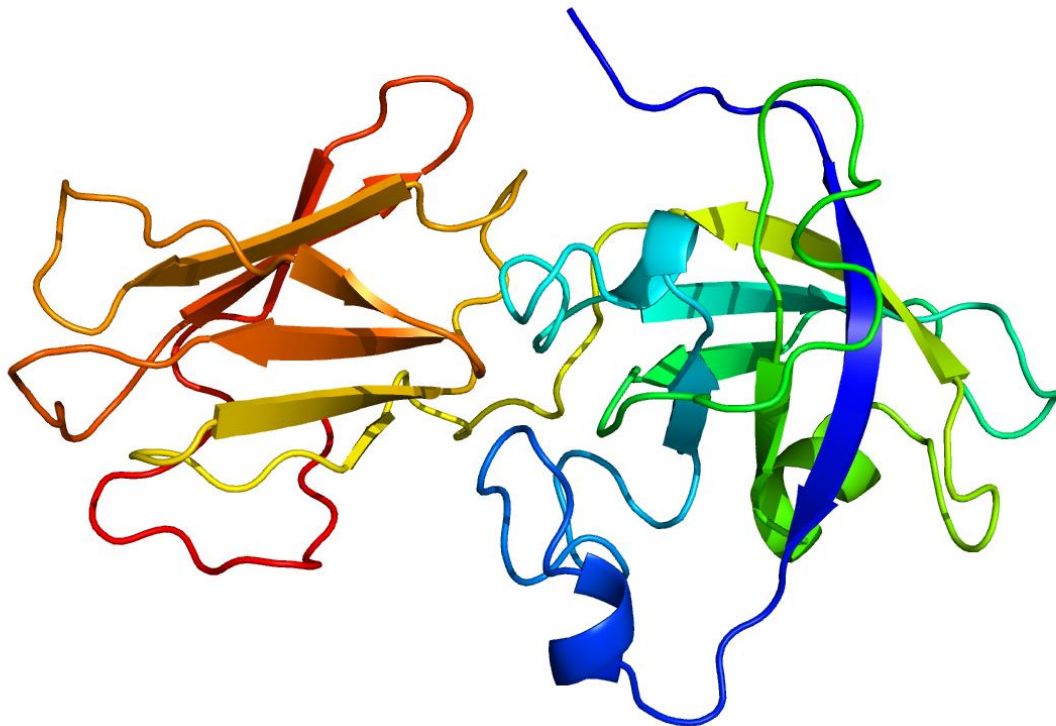
Locus: Misin06G107500

Gene Model: Misin06G107500.1.p

Description: McsEXPA-32

Family: Alpha Expansin

3D structure:



GENOME DATABASES

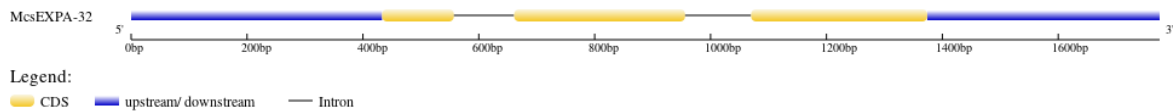
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

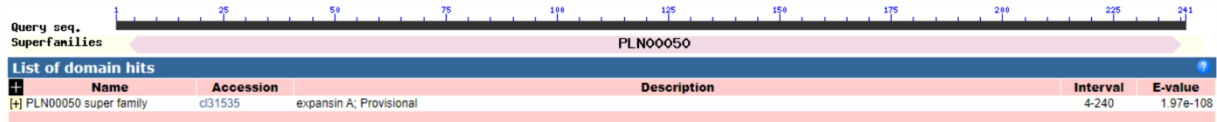
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPA-32

MGSLLGLLVLAIAAVLELTRADSWNGGRATFYGGDDASGTMGGACGYGNLYNAGY
GKNTAALSTSLFNNGQSCGACFEIRCTGSGSCLSGSAIVTATNFCPPNYAGGWCNPPQ
PHFDLAEPVFTQIAISGAGVVPVQYRRVACVKQGGIRFTISGHSYFILLITNVGGAGD
LTAVSIKGSRTRWQTMSRNWGANWNNGALLDGQALSFQVTASDGRTVTSENAAPA
GWSYGQTYTGKQF*

CDS (coding sequence)

>McsEXPA-32

ATGGGGTCTTATTAGGCTTGCTGGTTCTAGCGATCGCCGCCGTGCTGGAGCTCA
CCAGAGCCGACTCCTGGAACGGTGGCCGTGCCACGTTCTACGGTGGCGATGACGC
CTCTGGCACTATGGGAGGAGCGTGTGGGTATGGCAACCTGTACAATGCGGGGTAC
GGGAAGAACACCGCGGCGCTGAGCACCTCGCTGTTCAACAATGGGCAGAGCTGC
GGCGCGTGCTTTGAGATCCGGTGCCTGAGTGGCAGCTGCCTGTCTGGTCCG
CCATTGTGACGGCCACCACTTCTGCCCGCCCACTATGCTGGTGGATGGTGCAA
CCCGCCGAGCCACACTTCGACCTCGCCGAGCCAGTCTTCACTCAGATCGCCATT
TCCGGTGTGGCGTTCGTGCCTGTCCAATACAGGAGGGTGGCGTGGCTCAAGCAGG
GTGGCATCCGGTTCACCATCAGCGGCCACTCCTACTTCATCCTGTTGCTCATCACA
AATGTGGGCGGCGCTGGTGACTTGACGGCGGTGTGATAAAGGGCTCGCGGACG
CGCTGGCAGACCATGAGCCGCAACTGGGGCGCCAACTGGAATAACGGCGCCCTG
CTCGACGGCCAGGCACTGTCGTTCCAGGTCACCGCCAGCGATGGCCGCACCGTCA
CGTCCGAGAACGCCGCACCAGCTGGCTGGAGCTACGGCCAGACCTACACCGGCA
AACAGTTCTAA

Nucleotide

>McsEXPA-32

TACAGGTGCCCCAGGCCCAACTGGGCAATTTGCCCATGTTACCGGTTAACTCT
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CCTGTCCAATACAGGAGGTACGTACGTGACAGTGACACCAACCAGCTGCTCAA
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CACCATCAGCGGCCACTCCTACTTCATCCTGTTGCTCATCACAATGTGGGCGGC
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