

IDENTIFICATION

Species: *Miscanthus sinensis*

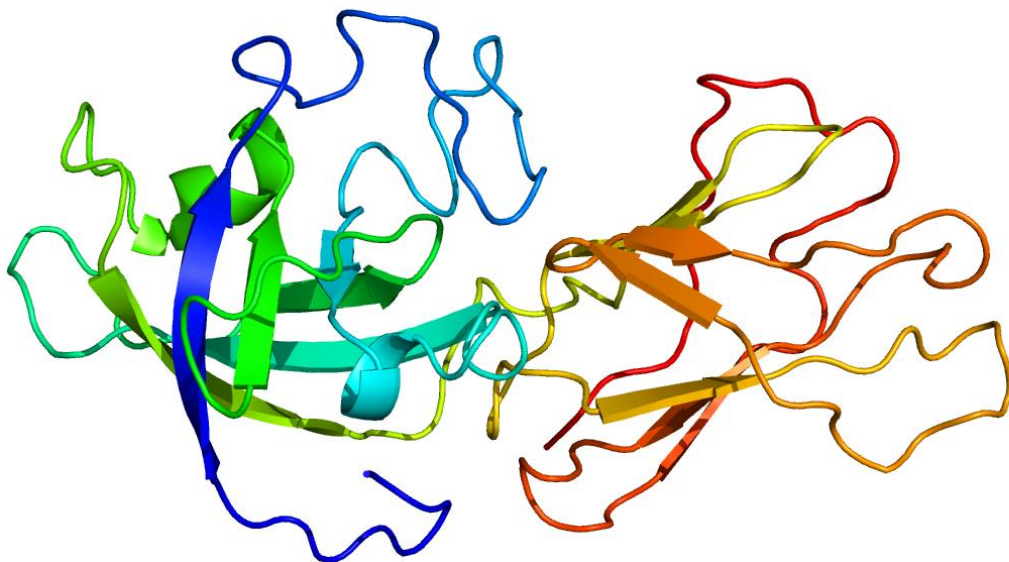
Locus: MisinT234100

Gene Model: MisinT234100.1.p

Description: McsEXPA-68

Family: Alpha Expansin

3D structure:



GENOME DATABASES

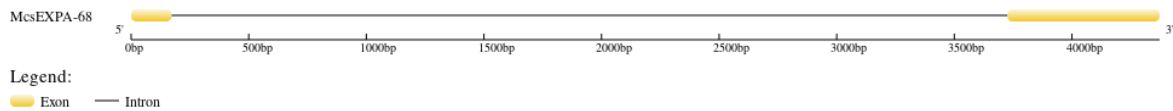
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

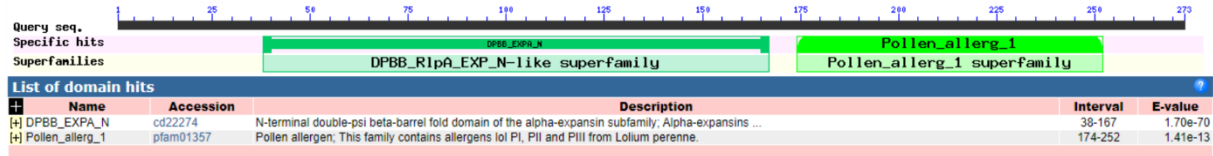
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPA-68

MASTAPAIVLVAALIMAV AHLASGSGYYQAAAPFTTSDWQDGSATFYGDDSGLGAD
FGGACGYGANDIQSLYSTSTAALSTPLFASGSGCGQCVELRCVNSRWCNPGSPSVVV
TGTNLCPPNWNLPSDNGGWCNPPRQHFDMA PPSFLILAPRVAGIVPVQFRRVPCQRS
GGIRFYVQGNYYWLLLYVMNVGGSGDVGDLAVKRAGEPDCSYVPASRNWGITYQV
FAALGNAKGLVVRMTCYSSPRKTIVVDDAIPTWWSTGLSYQGSNNFY*

CDS (coding sequence)

>McsEXPA-68

ATGGCGTCGACAGCTCCGGCGATCGTGCTCGTCGCGGCATTGATCATGGCGGTAG
CACACCTCGCGAGCGGCAGCGGCTATTACCAAGCCGCCGCGCCCTTCACGACGTC
GGACTGGCAAGACGGTAGCGCCACCTTCTACGGCGACGATTCCGGCCTCGGCGCA
GACTTCGGCGGCGCGTGC GGGTACGGCGCCAACGACATCCAGTCGCTCTACTCGA
CGAGCACGGCGGCGCTGAGCACGCCGCTGTTTCGCGAGCGGCAGCGGGTGC GGGC
AGTGCTACGAGCTGCGGTGCGTCAACTCCCGGTGGTGCAACCCGGGTTCGCCGTC
CGTCGTGGTCACCGGCACCAACCTCTGCCCGCCAACTGGAACCTCCCAGCGAC
AACGGCGGGTGGTGCAACCCGCCGCGGCAGCACTTCGACATGGCGCCCCCGTCGT
TCCTGATCCTCGCGCCGCGGGTGGCGGGCATCGTCCCCGTGCAGTTCCGCGCGCT
GCCGTGCCAGCGCTCCGGCGGGATCAGATTCTACGTGCAGGGCAACTACTACTGG
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TCAAGAGGGCCGGCGAGCCGGACTGCAGCTACGTGCCC GCGTCGCGCAACTGGG
GCATCACGTACCAGGTGTTTCGCGCTCTCGGCAACGCGAAGGGCCTCGTCGTCAG
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Nucleotide

>McsEXPA-68

ATGGCGTCGACAGCTCCGGCGATCGTGCTCGTCGCGGCATTGATCATGGCGGTAG
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