

## IDENTIFICATION

**Species:** *Miscanthus sinensis*

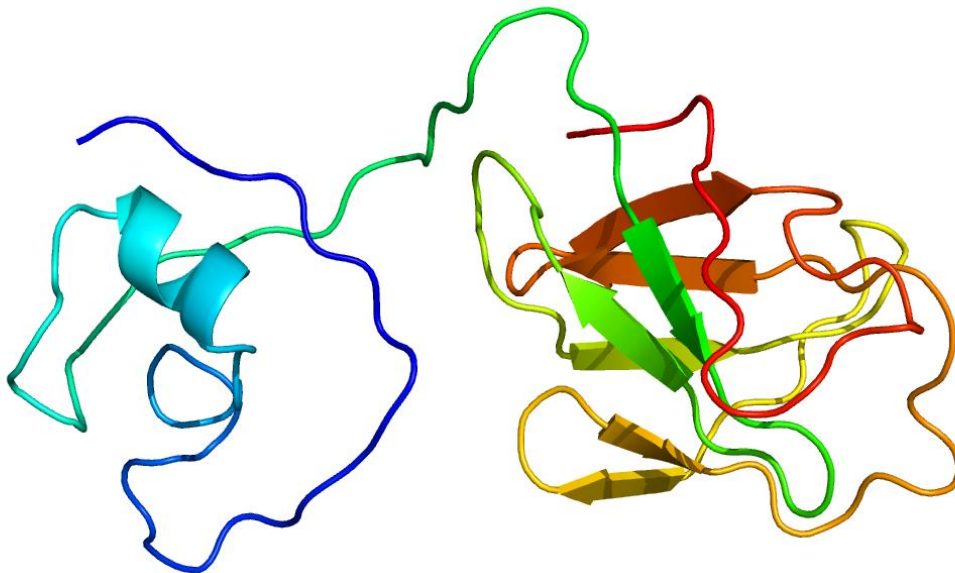
**Locus:** MisinT115200

**Gene Model:** MisinT115200.1.p

**Description:** McsEXPA-62

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

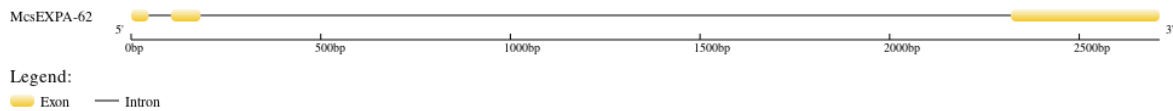
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Msinensis\\_v7\\_1](https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1)

KEGG:-

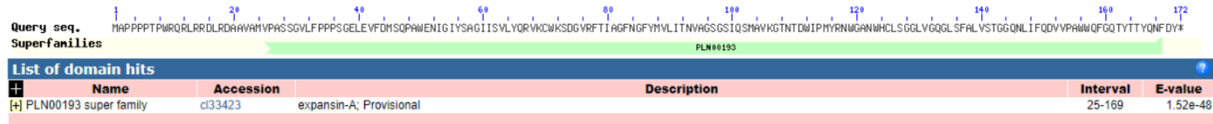
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>McsEXPA-62

MAPPPTPWRQLRRDLRDAAVAMVPASSGVLFPSPSGELEVFDMSQPAWENIGIYS  
AGIISVLYQRVKCWSKSDGVRFTIAGFNGFYMLITNVAGSGSIQSMVA VKGTNTDWIP  
MYRNLWGANWHCLSGGLVGGQLSFALVSTGGQNLIFQDVVPAWWQFGQTYTTYQN  
FDY\*

### CDS (coding sequence)

>McsEXPA-62

ATGGCGCCCCCTCCCCCACTCCATGGCGACAGCGGCTCCGACGAGATCTGAGGG  
ACGCGGCGGTGGCTATGGTTCCGGCGAGCTCTGGGGTTTTATTTCCCTCCTCCCTCC  
GGCGAGCTCGAAGTGTTTCGACATGTCCCAGCCCGCCTGGGAGAACATTGGCATCT  
ACAGCGCCGGCATCATCTCCGTCTCTACCAGCGGGTGAAGTGCTGGAAGAGCGA  
CGGCGTGCGCTTACCATCGCCGGCTTCAACGGCTTCTACATGGTGCTCATCACC  
AACGTCGCCGGCAGCGGCTCCATCCAGAGCATGGCGGTGAAGGGCACCAACACG  
GACTGGATCCCCATGTACAGGAACTGGGGCGCCAACACTGGCACTGCCTCTCCGGCG  
GGCTCGTCGGCCAGGGCCTCAGCTTCGCGCTCGTCTCTACCGGCGGCCAGAACCT  
CATCTTCCAGGATGTCGTGCCGGCTTGGTGGCAGTTCGGACAAACTTACACCACC  
TACCAGAATTTTCGATTACTAA

### Nucleotide

>McsEXPA-62

ATGGCGCCCCCTCCCCCACTCCATGGCGACAGCGGCTCCGACGAGGTAGGTCGT  
TCCTCCTCTGGATCTAAGCCCTTCTCCTCCTCCTCCTCCTTCTCCTCTAGATCTGAG  
GGACGCGGCGGTGGCTATGGTTCCGGCGAGCTCTGGGGTTTTATTTCCCTCCTCCCT  
CCGGCGAGCTCGAAGGTGATGGGCCAAGGGCTTAAGCAGTATGCACCTCGAACC  
CATCCCCTTGTTGTTTTGTAAGTTTTTTTTGTTGTTTCTCCGTGTTGCAATGCGTTTTT  
TGGATGTGGCAAAGATATTTTTTGAATGTTGCAATAGGGTGATTCATGTGTTGC  
AGAAAGGGAGTTCTAATGTTGGGATTGTTGCGGTAGGGGATTTTAATTGTTGAAA  
TTACCTTTTTCAAATGTTGCAGCGTTGAAATGTGATTATTGAGTTGTTTCCTTTTTT  
CCATGTTTCATAGTTGATTTTGAATGTTGCAGTATTACTGCTTGAGATGTTGCAG  
TACATACTTTTTGAATGTTACAGTACACAATTTTTTCGATGTTGCACTACATAGTTT  
TGCGATGTTGCAGTATTTATATCCCGATGTTGCACTACACAGTTCACATATTTTTT

