

## IDENTIFICATION

**Species:** *Miscanthus sinensis*

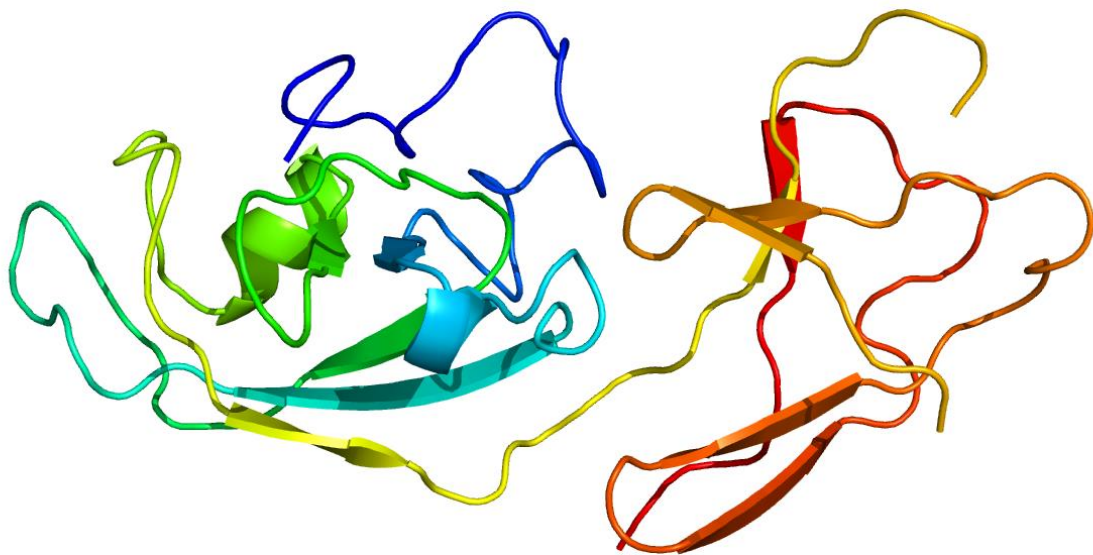
**Locus:** Misin07G279200

**Gene Model:** Misin07G279200.1.p

**Description:** McsEXPA-38

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

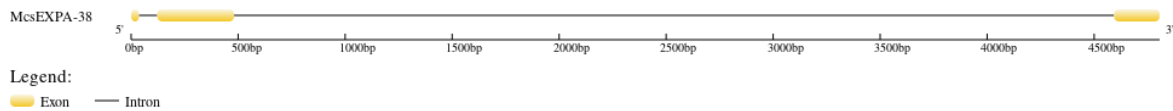
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Msinensis\\_v7\\_1](https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1)

KEGG:-

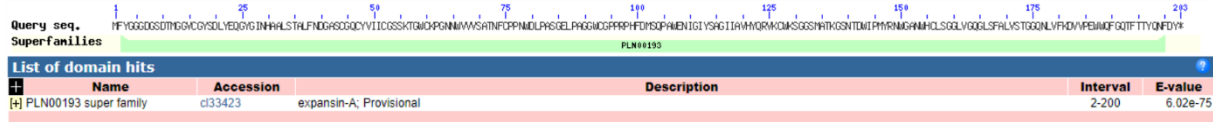
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>McsEXPA-38

MFYGGGDGSDTMGGVCGYSDLYEQGYGINHAALSTALFNDGASCGQCYVIICGSSK  
TGWCKPGNNWVVSATNFCPPNWDLPASGELPAGGWCGPPRPHFDMSQPAWENIGI  
YSAGIIAVHYQRVKCWKSSGSMATKGSNTDWIPMYRNWGANWHCLSGGLVGGQL  
SFALVSTGGQNLVFKDVPPEWWQFGQTFTTYQNFY\*

### CDS (coding sequence)

>McsEXPA-38

ATGTTCTACGGCGGCGGTGATGGCTCCGACACAATGGGTGGCGTGTGCGGGTACA  
GCGATCTGTACGAGCAGGGCTATGGCATCAACCACGCGGCGCTGAGCACGGCGC  
TCTTCAACGACGGCGCGTCTGCGGACAGTGCTACGTGATCATCTGCGGCAGCAG  
CAAGACCGGGTGGTGCAAGCCCGGCAACA ACTGGGTCGTCTCCGCCACCAA  
CTTCTGCCCGCCAACTGGGACCTCCCCGCCAGCGGGGAGCTCCCTGCCGGAGGC  
TGGTGCGGCCCCGCCCGCCCCACTTCGACATGTCCCAGCCCGCCTGGGAGAACA  
TCGGCATCTACAGCGCCGGC ATCATCGCCGTCCACTACCAGCGGGTCAAGTGCTG  
GAAGAGCGGCGGCAGCATGGCGACGAAGGGCAGCAACACGGACTGGATCCCCAT  
GTACAGGA ACTGGGGCGCCAATTGGCACTGCCTCTCCGGCGGGCTCGTCGGCCAG  
GGCCTCAGCTTCGCGCTCGTCTCCACCGGCGGCCAGAACCTCGTCTTCAAGGACG  
TCGTGCCGGAGTGGTGGCAGTTCGGACAAACCTTCACCACCTACCAGAATTCGA  
CTACTAA

### Nucleotide

>McsEXPA-38

ATGTTCTACGGCGGCGGTGATGGCTCCGACACAATGGGTGGGTAACCTATAGCTA  
CCTTTGTCTTTCGTTGGGTCATGGGTGTGCAGACTTTGATATGATCAACGAGCACG  
TACGTATGCAGGTGGCGTGTGCGGGTACAGCGATCTGTACGAGCAGGGCTATGGC  
ATCAACCACGCGGCGCTGAGCACGGCGCTCTTCAACGACGGCGCGTCTGCGGA  
CAGTGCTACGTGATCATCTGCGGCAGCAGCAAGACCGGGTGGTGCAAGCCCGGC  
AACA ACTGGGTCGTCTCCGCCACCAACTTCTGCCCGCCAACTGGGACCTCC  
CCGCCAGCGGGGAGCTCCCTGCCGGAGGCTGGTGC GGCCCCGCCCGCCCCACTT  
CGACATGTCCCAGCCCGCCTGGGAGAACATCGGCATCTACAGCGCCGGC ATCATC  
GCCGTCCACTACCAGCGGGTCAAGTGCTGGAAGAGCGGCGGCGTGC GATTTGTTG



