

## IDENTIFICATION

**Species:** *Miscanthus sinensis*

**Locus:** MisinT127300

**Gene Model:** MisinT127300.1.p

**Description:** McsEXPA-64

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

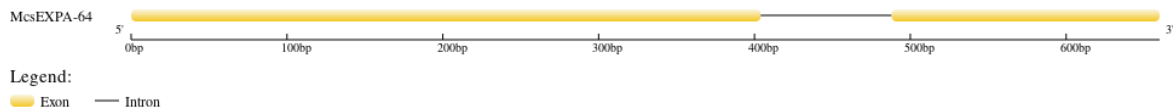
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Msinensis\\_v7\\_1](https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1)

KEGG:-

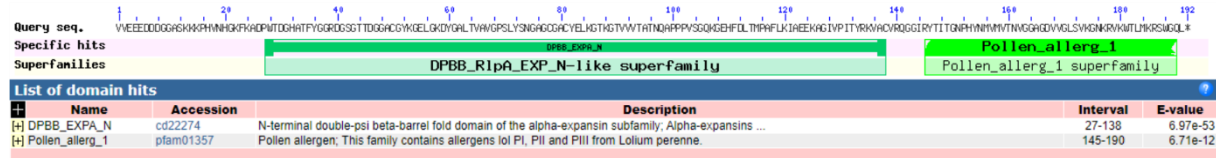
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>McsEXPA-64

VVEEEDDDGGASKKKPHVNHGKFKADPWTDGHATFYGGRDGSSTTDGGACGYKG  
ELGKDYGALTVAVGPSLYSNGAGCGACYELKGTGTVVVTATNQAPPPVSGQKGE  
HFDLTMPAFLKIAEEKAGIVPITYRKVACVRQGGIRYTTITGNPHYNMVMVTVNGGAG  
DVVGLSVKGNKRVKWTLMKRSWGQL\*

### CDS (coding sequence)

>McsEXPA-64

GTGGTGGAGGAGGAGGACGACGACGGCGGAGCCAGCAAGAAGAAGCCCCACGT  
TAACCACGGCAAGTTCAAGGCGGACCCGTGGACGGACGGGCACGCGACGTTCTA  
CGGCGGGCGCGACGGGTCCGGCACACGACGGCGGCGCGTGCGGGTACAAGGG  
CGAGCTGGGAAAAGACTACGGCGCGCTGACGGTGGCCGTGGGCCCATCACTGTA  
CAGCAACGGGGCCGGGTGCGGCGCATGCTACGAGCTCAAGGGCACCAAGGGCAC  
CGTGGTGGTGACGGCCACCAACCAGGCCCGCCGCGGTGAGCGGGCAGAAGGG  
CGAGCACTTCGACCTACCATGCCGGCGTTCCTCAAGATCGCCGAGGAGAAGGCC  
GGCATCGTGCCATCACCTACCGCAAGGTGGCGTGCCTGAGGCAAGGCGGCATC  
CGGTACACGATCACGGGGAACCCGCACTACAACATGGTGTGATGGTGACGAACGTC  
GGCGGCGCCGGGGACGTGGTGGGGCTATCAGTGAAGGGCAACAAGCGCGTCAAG  
TGGACGCTGATGAAGCGCAGCTGGGGCCAGCTCTAG

### Nucleotide

>McsEXPA-64

GTGGTGGAGGAGGAGGACGACGACGGCGGAGCCAGCAAGAAGAAGCCCCACGT  
TAACCACGGCAAGTTCAAGGCGGACCCGTGGACGGACGGGCACGCGACGTTCTA  
CGGCGGGCGCGACGGGTCCGGCACACGACGGCGGCGCGTGCGGGTACAAGGG  
CGAGCTGGGAAAAGACTACGGCGCGCTGACGGTGGCCGTGGGCCCATCACTGTA  
CAGCAACGGGGCCGGGTGCGGCGCATGCTACGAGCTCAAGGGCACCAAGGGCAC  
CGTGGTGGTGACGGCCACCAACCAGGCCCGCCGCGGTGAGCGGGCAGAAGGG  
CGAGCACTTCGACCTACCATGCCGGCGTTCCTCAAGATCGCCGAGGAGAAGGCC  
GGCATCGTGCCATCACCTACCGCAAGTACGTAGTAGTAGTGACGACTTCCGTA  
TGCATGCGCATCATCTACCGATCTACGTACAAACAATTGACACACGCATATGTAG

GGTGGCGTGCGTGAGGCAAGGCGGCATCCGGTACACGATCACGGGGAACCCGCA  
CTACAACATGGTGATGGTGACGAACGTCGGCGGCGCCGGGGACGTGGTGGGGCT  
ATCAGTGAAGGGCAACAAGCGCGTCAAGTGGACGCTGATGAAGCGCAGCTGGGG  
CCAGCTCTAG