

## IDENTIFICATION

**Species:** *Miscanthus sinensis*

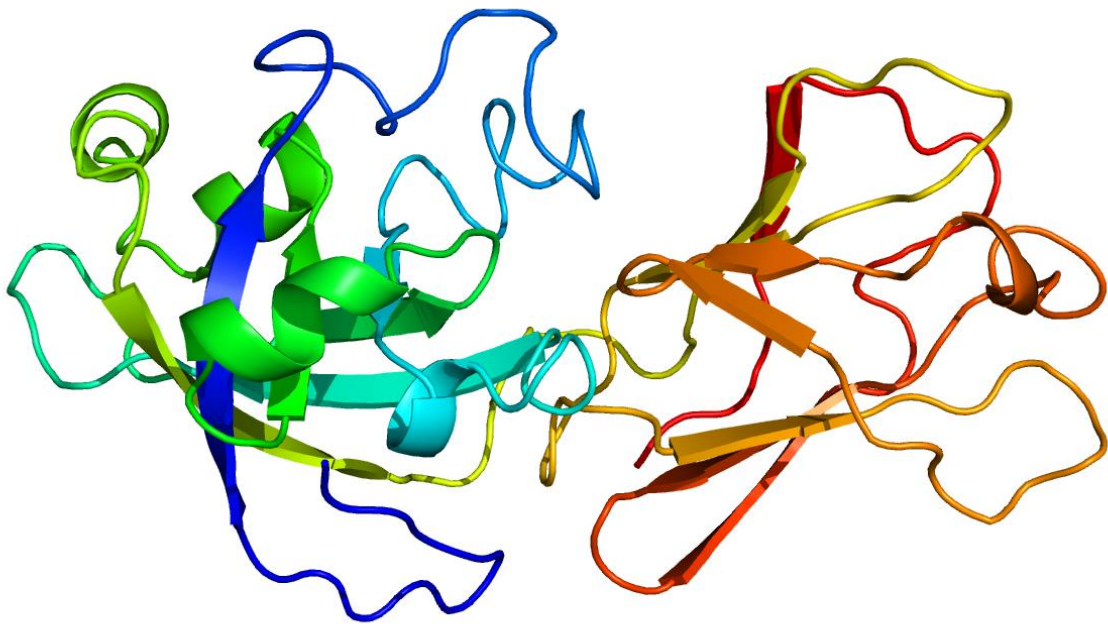
**Locus:** Misin08G230300

**Gene Model:** Misin08G230300.1.p

**Description:** McsEXPB-44

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

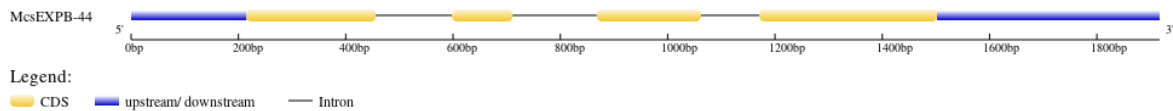
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Msinensis\\_v7\\_1](https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1)

KEGG:-

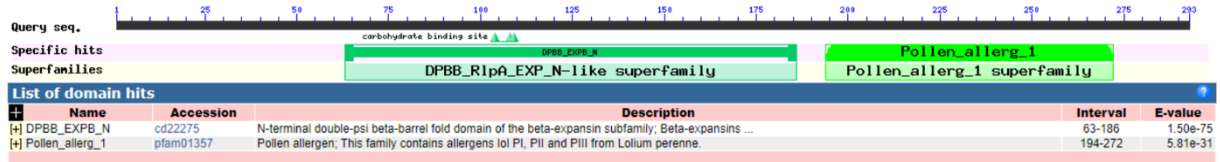
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>McsEXPB-44

MAKSYTLLFGALVVLALLVSPACSRKLAQPNKPKPTHKPAVRPRSNYTATPSVSDA  
 YGSGAWLSAGATYYGAPNGDGS DGGACGYQTA VGLRPFSSMIAAGSPSLFKGGKGC  
 GACYEVKCDNAACSGQPATVVITDECPGGVCLAEAAHFDMSGTSIGAMAKPGMAD  
 RLRAAGILKIYKRVCKYSGVNIAFRVDQGSNPFYFEVLVEFEDGDGDLSAVDLME  
 AGCGTWTPMVQNWGALWRYNSNTGKALKAPFSLRLTSDSGKVLVANNVIPARWNP  
 GATYRSLVNYNYS\*

### CDS (coding sequence)

>McsEXPB-44

ATGGCGAAATCTTACACCTTACTGTTTCGGCGCACTGGTCGTGCTCGCGCTTCTAGT  
 GAGCCCCATTGCTTGCTCCCGCAAGCTCGCCAAGCCGAACAAGCCAAGCCTACC  
 CACAAGCCGGCGGTCAGGCCCGCAGCAACTACACCGCTACCCCCTCAGTGTCCG  
 ACGCCTACGGCTCGGGCGCCTGGTTGTCGGCCGGCGCGACGTACTACGGCGCCCC  
 AAACGGCGACGGCAGTGACGGCGGTGCGTGTGGATACCAGACCGCCGTCGGGCT  
 GCGCCCCTTCTCGTCGATGATCGCCGCGGGAGCCCGTCTCTGTTCAAGGGAGGC  
 AAGGGCTGCGGCGCCTGCTACGAGGTTAAATGCGACAGCAACGCGGCATGCTCC  
 GGCCAGCCGGCCACCGTGGTCATCACCGACGAGTGCCCCGGCGGTGTCTGCCTCG  
 CGGAGGCGGCTCACTTCGACATGAGCGGCACTTCCATCGGCGCCATGGCGAAGCC  
 CGGCATGGCCGACAGGCTTCGCGCCCGCCGGCATCCTCAAGATCCAGTACAAGAG  
 GGTGCCGTGCAAGTACAGCGGCGTGAACATCGCCTTCCGGGTGGACCAGGGCTCC  
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 CCTTCTCGCTCCGCCTCACCTCCGACTCCGGCAAGGTGCTCGTCGCCAACAACGTC  
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 AA

## Nucleotide

>McsEXPB-44

ACTAATTCGGCCGGCAGGCAGGATCCCCAAATTTTCGCCACGTACGTCTGCATCC  
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