

## IDENTIFICATION

**Species:** *Miscanthus sinensis*

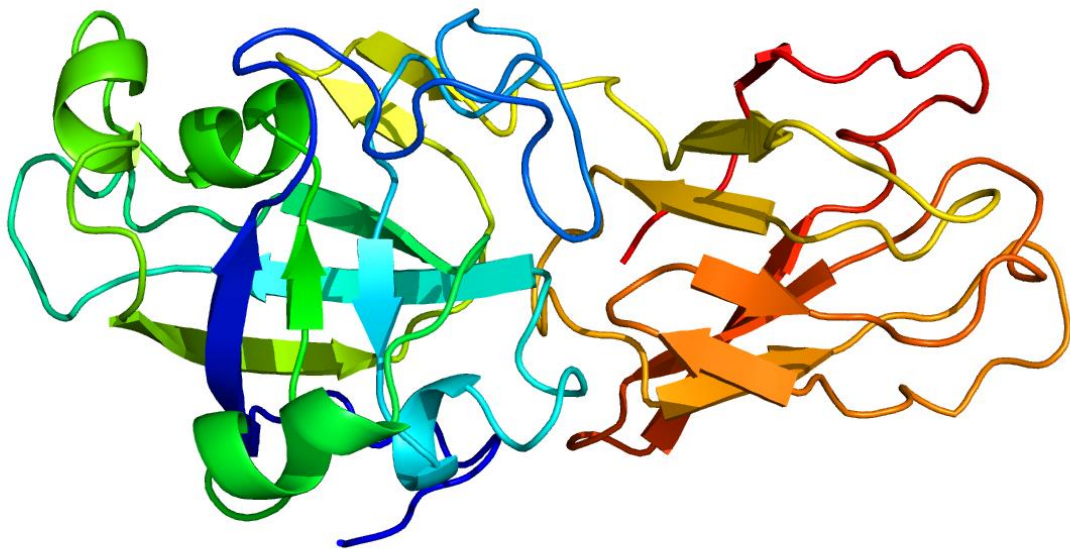
**Locus:** Misin12G162900

**Gene Model:** Misin12G162900.1.p

**Description:** McsEXPB-48

**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:-

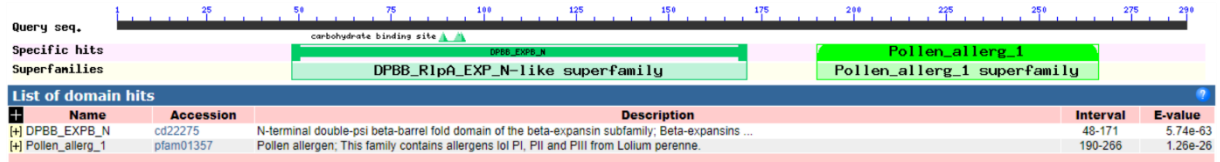
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>McsEXPB-48

MASSRALALFLFCALLPAPPISVSAALLFGGGKSAAVAKPGPGADMEWRPATATWY  
GAEAGDGS DGGACGYGTLVDV VPMKARVGSVSPVLFKDGEGCGACYKVKCLDRGI  
CSRRAVTVIVTDECPGGLCAFRTHFDLSGAAYS RMAVAGAGGRLRDRGQLNVVYR  
SVVCPYAYTDTRTACKYGGKNIAFRVNEGSTNFWLSLLVEFEDGE GGDIGSMQIKQAN  
SVEWLDMRHVWGATWCLVRGPLVGPFSVRLTTLSARKTLTARDVIPRNWTPKATYT  
SRLNFQPSL\*

### CDS (coding sequence)

>McsEXPB-48

ATGGCTTCCTCGCGGCCCTTGCTCTCTTCCTCTTCTGCGCTCTGCTGCCCGCGCCC  
CCCATCTCTGTCTCAGCCGCATTGCTGTTCCGGCGGCGGCAAGTCAGCCGCGGTGG  
CCAAGCCGGGTCCGGGAGCCGACATGGAGTGGCGGCCGCGCCACCGCGACGTGGT  
ACGGCGAGGCCGAGGGCGACGGCAGCGACGGCGGGCGCGTGCGGGTACGGGACG  
CTGGTGGACGTGGTGCCGATGAAGGCGCGGGTCCGGTCCGGTGCAGCCCCGTGCTGT  
TCAAGGACGGCGAGGGCTGCGGGCGCCTGCTACAAGGTCAAGTGCCTGGACCGCG  
GCATCTGCTCCCGCCGCGCCGTCACGGTGATCGTACGGACGAGTGCCCCGGCGG  
GCTCTGCGCCTTCGGCCGACCCACTTCGACCTCAGCGGCGCCGCTACAGCAGG  
ATGGCCGTCGCGGGGGCCGGCGGCCGCTGCGCGACCGGGGCCAGCTGAACGTC  
GTGTACAGGAGTGTCTGTTTGCCTGATGCATACACGGATAACCAGGACGGCCTGCA  
AGTACGGCGGGAAGAACATAGCATTCCGCGTGAACGAGGGCTCGACTAATTTCT  
GGCTCTCTCTGCTCGTTCGAGTTCGAGGACGGCGAAGGCGACATCGGATCCATGCA  
GATAAAGCAGGCCAACTCGGTGGAGTGGCTGGACATGAGGCACGTGTGGGGGGC  
CACGTGGTGCCTGGTGCGGGGCCCCGCTTGTGGGGGCCCTTCTCCGTGAGGCTCACC  
ACGCTGTCCGCCAGGAAGACGCTCACGGCCCCGCGACGTCATCCCAGGAACTGG  
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## Nucleotide

>McsEXPB-48

GCGAGAGCACCTCTGCCTCTGACTGCGGCATTGGGGCTTGGGATTTCTCGAAGCC  
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