

## IDENTIFICATION

**Species:** *Miscanthus sinensis*

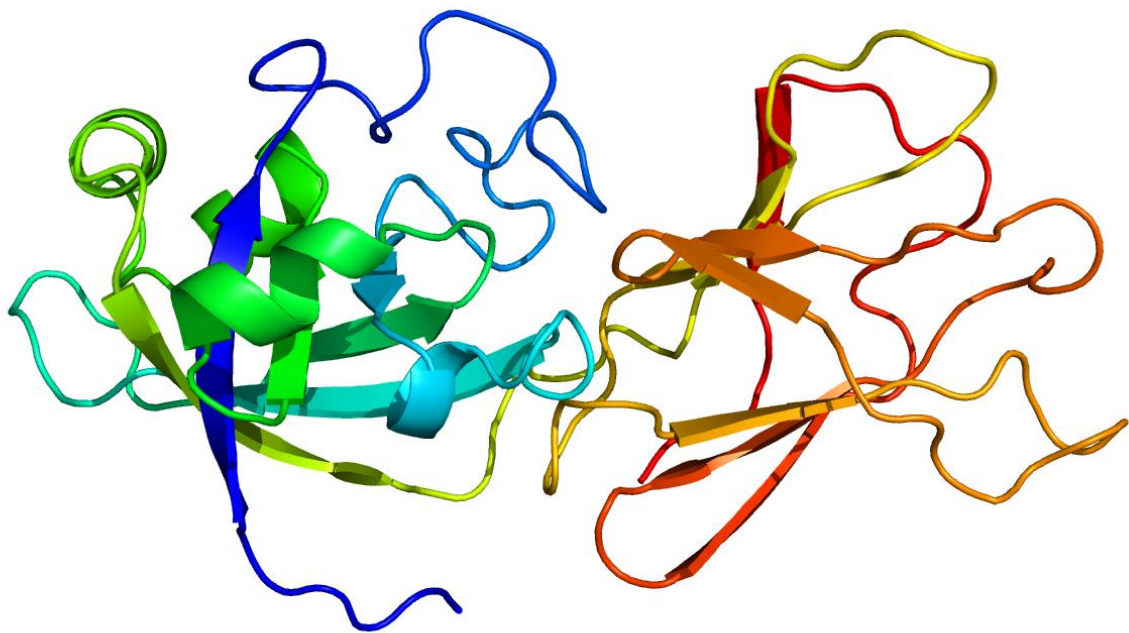
**Locus:** Misin11G165700

**Gene Model:** Misin11G165700.1.p

**Description:** McsEXPB-47

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

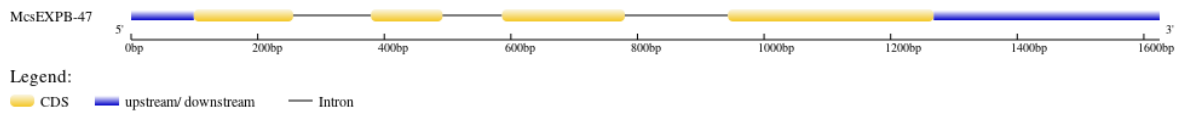
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Msinensis\\_v7\\_1](https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1)

KEGG:-

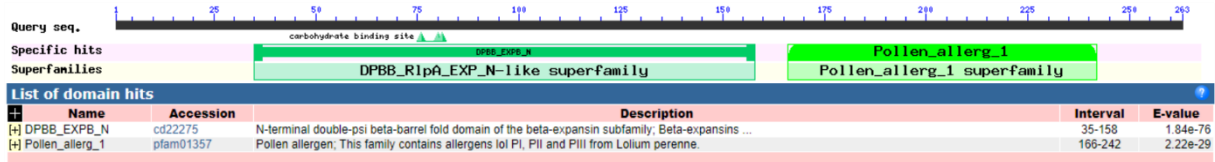
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>McsEXPB-47

MASKSQLFFIAIAALASIIHPCASVEFHRKLSSWSSGGATWYGAATGAGSDGGACG  
YKDAVDQAPFSSMIAAGSPSIYNSGKGCSCFQVKCTGNDACSGNPVTVVITDECPG  
GACLNPAHFDMSGTAFGAMANPGQADKLRNAGVQLQYTCVQCNWPGVKLTFVY  
DAGSNPEYFAVLIKYVNGDGDLSAVDLMQTGAGASWASMQPSWGAVWKFNAGSA  
LQAPLSIRLTSSSGKQLVASNVIPARWTPGATYQSSVNY\*

### CDS (coding sequence)

>McsEXPB-47

ATGGCTTCTAAGTCCCAGCTCCTGTTCTTTATTGCGATTGCGGCTCTAGCCTCGAT  
CATCCATCCTTGTGCATCCGTCGAGTTTCACCGCAAGCTCTCCAGCTGGTCCAGCG  
GCGGCGCGACGTGGTACGGCGCCGCTACTGGGGCTGGAAGCGATGGTGGCGCAT  
GCGGGTACAAAGATGCCGTCGACCAGGCGCCCTTCTCGTCCATGATCGCCGCGGG  
AAGCCCTTCCATCTACAACCTCCGGCAAGGGCTGCGGCTCTTGCTTCCAGGTCAA  
TGCACGGGTAATGACGCGTGCTCCGGCAACCCCGTGACCGTCGTCATCACCGACG  
AATGCCCTGGCGGTGCGTGCTCAACGAGCCGGCCACTTCGACATGAGCGGAAC  
GGCATTGCGCGCCATGGCGAACCCCGGGCAGGCCGACAAGTTGCGCAACGCCGG  
TGTCTCCAAATCCAGTACACCTGCGTGCACTGCAACTGGCCTGGCGTAAAGCTC  
ACCTTCGTGGTTCGACCGGCTCGAACCCGGAGTACTTCGCCGTGCTCATTAAAGT  
ACGTGAACGGCGACGGCGACCTCTCCGCCGTGACCTCATGCAGACCGGGGCTG  
GGGCGTCGTGGGCGTCCATGCAGCCGTCGTGGGGCGCCGTCTGGAAGTTCAACGC  
CGGATCGGCACTGCAGGCGCCCTTGTCCATCCGCCTGACGTCCAGCTCCGGCAAG  
CAGCTCGTCGCCAGCAACGTCATCCCCGCCAGGTGGACGCCCGGCGCCACCTACC  
AGTCTCTGTAACTACTAA

### Nucleotide

>McsEXPB-47

AATCTCACACCACTTCTCATCTACTTGCGCCCTCTCCCCAATCCCTTGCAAACC  
ACGACATCCTAGCAGCAAGCCACAGAGTGCAACAACGGCGGCTATGGCTTCTAA  
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GTGCATCCGTCGAGTTTCACCGCAAGCTCTCCAGCTGGTCCAGCGGCGGCGCGAC

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CCTCTCCGCCGTCGACCTCATGCAGACCGGGGCTGGGGCGTCGTGGGGCGTCCATG  
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GTCACTGTATAATGGAGTACTGATTGT