

## IDENTIFICATION

**Species:** *Miscanthus sinensis*

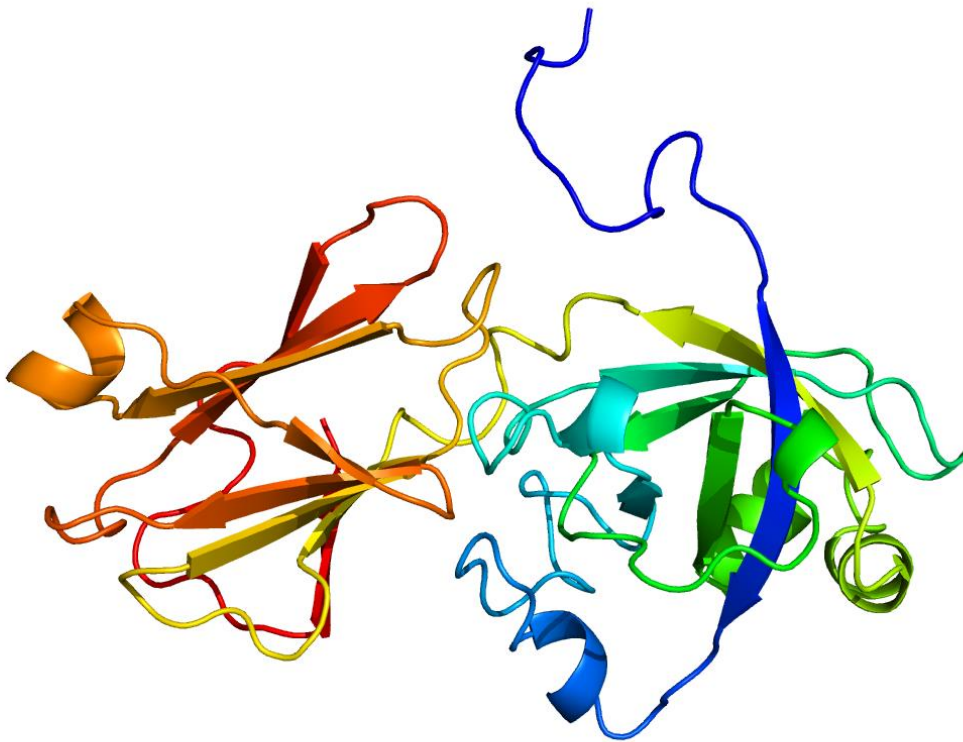
**Locus:** Misin02G132400

**Gene Model:** Misin02G132400.4.p

**Description:** McsEXPB-15

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

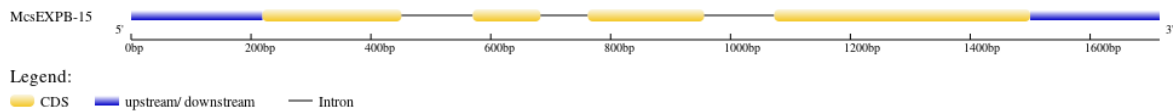
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Msinensis\\_v7\\_1](https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1)

KEGG:-

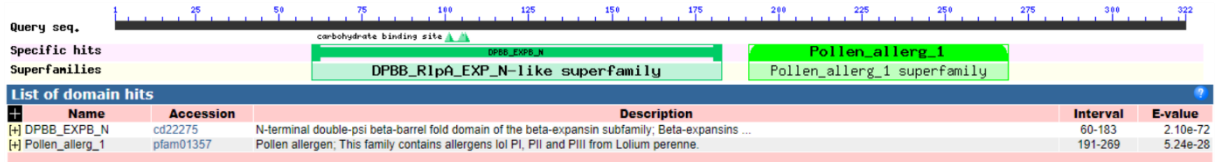
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>McsEXPB-15

MQTFHHSSETLLSHILCATCHRVCCMASTLQLLFSIAITAF AFLHPCASTEFRRELYG  
 WSNGIATWYGAADGAGTDGGACGYQNAVDQPPFSSMIAAGCSSIYDSGKGCYQ  
 VVCTGNEACSGNPVTVVITDECPDCPCPDEQVHLDMSGTAFGALAKPGQESQLRGA  
 GAIQIQYTRVQCEWPGVDVTFVSVESGNSPNYLAVLIEYEDSDSDLYSVDIMQGGTG  
 TGQWVPMQQSWGAVWKINSGSVLQGFNIRLTFSSGRV LVASNAIPAGWNAGVAYR  
 SGGVAVTRARPRSGGCRRYEAAGTLHLLVLSVLLML\*

### CDS (coding sequence)

>McsEXPB-15

ATGCAAAC TTTCCATCACAGCAGTGAAACACTACTCTCTCACATTCTCTGTGCTAC  
 CTGTACAGGGTGTGTTGTATGGCTTCCACGCTCCAGCTGCTGTTTTCCATTGCCA  
 TCACAGCTTTCGCTTTTTTCTCCACCCATGTGCATCCACTGAGTTCCGCCGTGAG  
 CTCTATGGTTGGTCCAATGGCATTGCTACATGGTATGGCGCAGCTGATGGTGCCG  
 GAACTGACGGTGGCGCGTGTGGATAACCAGAATGCTGTGGACCAGCCACCCTTCTC  
 ATCCATGATTGCCGCTGGCTGCTCTTCCATCTACGATTCTGGCAAGGGCTGTGGCT  
 CTTGCTATCAGGTTGTATGCACTGGCAATGAGGCTTGCTCTGGTAACCCGGTGAC  
 TGTCGTCATCACCGACGAGTGCCCTGATTGCCCGTGTCCCGATGAGCAGGTCCAT  
 TTGGACATGAGCGGGACAGCGTTCGGTGCCTTGGCAAAGCCCGGGCAGGAGAGC  
 CAACTGCGTGGCGCCGGCCGCGCCATCCAAATCCAGTATAACCCGGGTGCAGTGCGAGT  
 GGCTGGCGTGGACGTAACCTTCTCGGTGGAGTCGGGCTCCAACCCGAACCTACCT  
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 GGCGCCGTGTGGAAGATCAACTCCGGCTCCGTCTCCAGGGCCCCCTTCAACATCC  
 GCCTCACCTTCAGCTCTGGCAGGGTGTCTCGTCGCCAGCAACGCCATACCTGCGGG  
 GTGGAACGCCGGCGTCCGCTACCGGTCCGGCGGCGTGGCTGTGACGAGGGCCAG  
 GCCAGGAGCGGTGGCTGCCGGCGCTACGAGGCTGCCGGAACACTGCACCTTTTA  
 GTGTTGTCAGTGGTATTATTGATGCTGTGA

## Nucleotide

>McsEXPB-15

TCATAACAACCTTCGTTGAACATACTTCATTAGCAGGCAACTCAGAACTCTTCCAA  
ATTTACTCCCAGCTGCCAATTGCCTACTGAATTGCTGTTTGGTAGTGAGTGTCTAA  
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CAAATGGCCAAATAGAGCCCCTGCCTGTTCTTCTGTCCTTCACTGCGTCCTTATGC  
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CTTGGCAAAGCCCGGGCAGGAGAGCCAACTGCGTGGCGCCGGCGCCATCCAAAT  
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