

## IDENTIFICATION

**Species:** *Miscanthus sinensis*

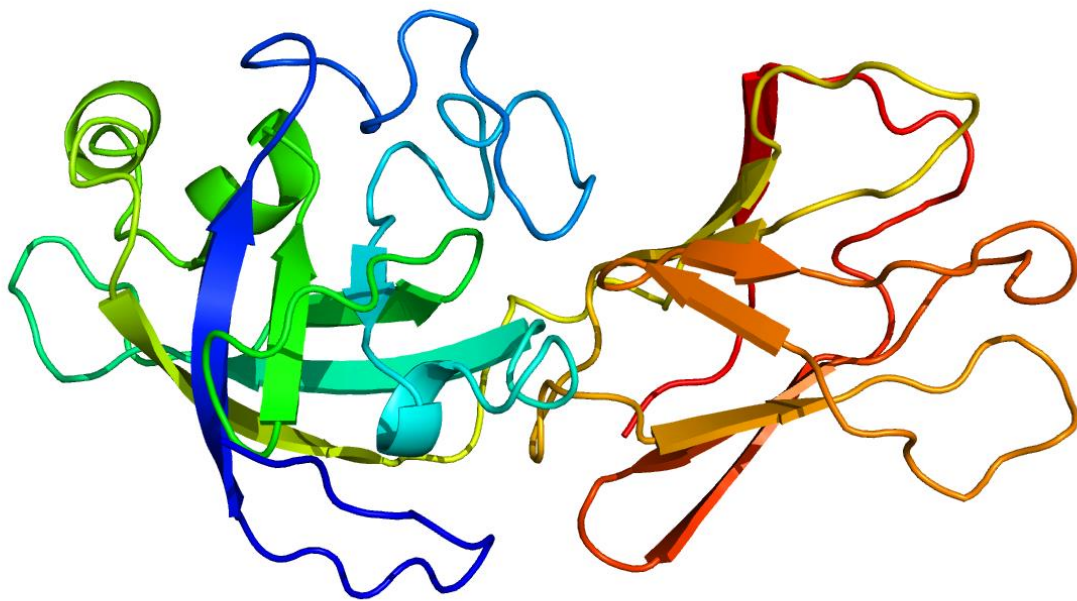
**Locus:** Misin02G273400

**Gene Model:** Misin02G273400.1.p

**Description:** McsEXPB-20

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

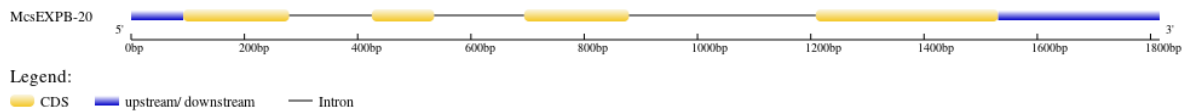
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Msinensis\\_v7\\_1](https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1)

KEGG:-

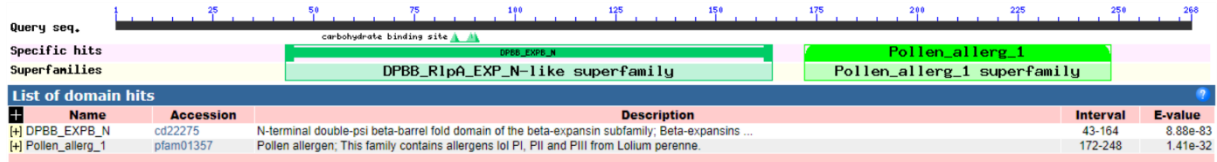
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>McsEXPB-20

MATTFSSKALAFALFFSFLVTYGSCARPVSFNASDFTADPNWEAARATWYGAPTG  
AGPDDDGGACGFKNVNLPPFSAMTSCGNEPLFKDGGKGCSCYQIRCQNHAACSGNP  
ETVIITDMNYYPVAKYHFDLSGTAFGAIAKPGRSDEL RHAGIIDIQFKRVP CNYPGQK  
VTFHVEEGSNSVYLAVLVEFEDGDGDVVQVDLMEANSGYWTPMRESWGSIWRLDS  
NHRLQAPFSLRITNESGRTL VANQVIPANWV PNTYYRSIIQY\*

### CDS (coding sequence)

>McsEXPB-20

ATGGCAACGACCTTCTCTTCCAAGGCTCTTGCATTTGCAGCGCTCTTCTTCTCCTT  
CCTAGTCACGTATGGCTCCTGCGCTCGGCCTGTAAGTTTTAACGCCTCTGACTTCA  
CCGCCGACCCTAACTGGGAGGCTGCCAGGGCCACCTGGTATGGGGCACCTACTGG  
TGCCGGTCTCTGACGACGACGGTGGCGCCTGCGGGTTCAAGAACGTGAACTTGCCT  
CCGTTCTCAGCCATGACGTCCTGTGGCAACGAGCCACTGTTCAAGGACGGCAAGG  
GCTGCGGTTTCATGCTACCAGATCCGATGCCAAAACCACGCAGCATGCTCCGGCAA  
CCCGGAGACGGTCATCATCACCGACATGAACTACTATCCGGTCGCCAAGTACCAC  
TTCGACCTCAGCGGCACGGCATTCCGGTGCCATAGCTAAGCCTGGCCGCAGCGATG  
AGCTCCGCCACGCCGGCATCATCGACATCCAGTTCAAGAGAGTGCCCTGCAATTA  
CCCTGGGCAGAAGGTGACTTTCCACGTCGAGGAGGGGTCCA ACTCCGTCTACCTC  
GCGGTGCTCGTTCGAGTTTGAAGACGGCGACGGCGACGTGGTGCAGGTGGACCTG  
ATGGAGGCCAACTCCGGCTACTGGACGCCGATGCGCGAGTCTGGGGATCCATCT  
GGAGGCTCGACTCCAACCACCGGCTGCAGGCGCCCTTCTCGCTGCGCATCACAAA  
CGAGTCCGGCAGGACGCTGGTGGCCAATCAGGTCATCCCGGCCAACTGGGTGCC  
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### Nucleotide

>McsEXPB-20

TTCCCCGACCATCCAAACGCACAATCTCATCAGTACTAGCCACCTTCTTCAGCTTG  
GAGTAGCTAGGACTGTCTCTGCTGACTAAGCCAAGATGGCAACGACCTTCTCTT  
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GCCAAGTACCACTTCGACCTCAGCGGCACGGCATTCCGGTGCCATAGCTAAGCCTG  
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