

## IDENTIFICATION

**Species:** *Miscanthus sinensis*

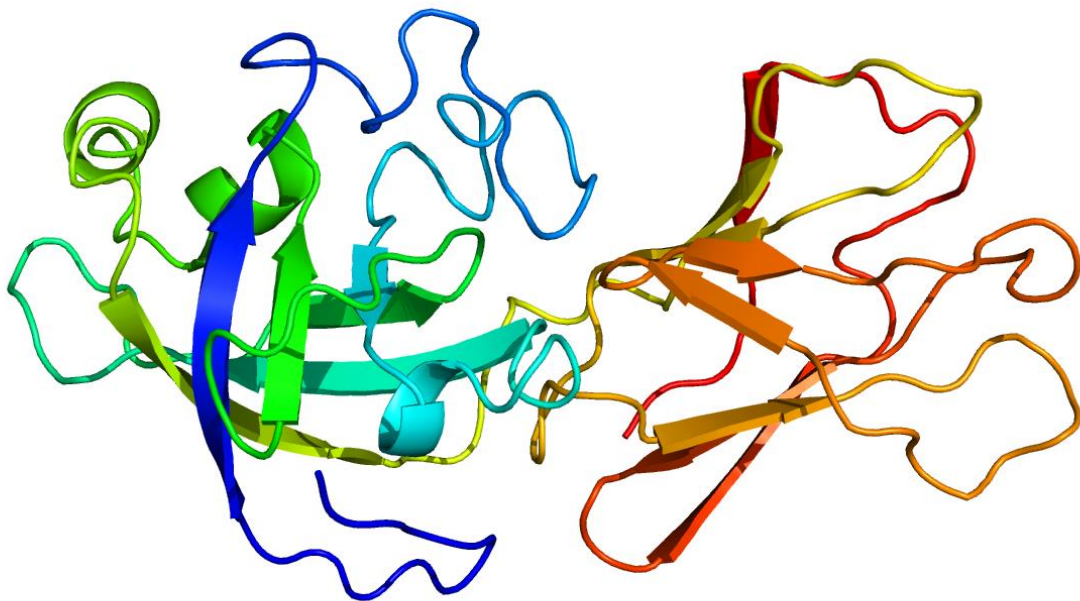
**Locus:** Misin01G283900

**Gene Model:** Misin01G283900.1.p

**Description:** McsEXPB-03

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

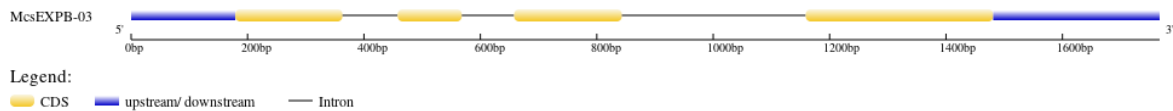
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Msinensis\\_v7\\_1](https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1)

KEGG:-

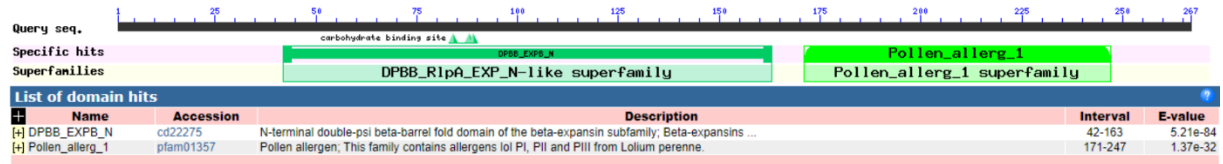
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>McsEXPB-03

MATTFSSKALAFALFSLLVTYGSCARPVSFNASDFTADPNWEAARATWYGAPTGA  
GPDDDGGACGFKNVNLPFSAMTSCGNEPLFKDGGKCGSCYQIRCQNHAACSGNPE  
TVIITDMNYYPVAKYHFDLSGTAFGAMAKPGRSDELRHAGIIDIQFKRVPKNYPGQK  
VTFHVEEGSNSVYLAVLVEFEDGDGDVVQVDLMEANSGYWTPMRESWGSIWRLDS  
NHRLQAPFSLRITNESGRTLVAHQVIPANWVVPSTYYRSIIQY\*

### CDS (coding sequence)

>McsEXPB-03

ATGGCAACGACCTTCTCTTCCAAGGCTCTTGCATTTGCAGCACTCTTCTCCCTCCT  
AGTCACGTATGGCTCCTGCGCTCGGCCTGTAAGTTTCAACGCCTCCGACTTCACCG  
CCGACCCTAACTGGGAGGCCGCCAGGGCCACCTGGTATGGGGCACCTACTGGCG  
CCGGTCCTGACGACGACGGTGGTGCCTGCGGGTTCAAGAACGTGAACCTGCCTCC  
GTTCTCAGCCATGACGTCTGTGGCAACGAGCCACTGTTCAAGGACGGCAAGGGC  
TGCGGCTCATGCTACCAGATCCGATGCCAAAACCACGCCGCATGCTCCGGCAACC  
CGGAGACGGTGATCATCACCGACATGAACTACTATCCGGTCGCCAAGTACCACTT  
CGACCTCAGCGGCACGGCGTTCGGCGCCATGGCTAAGCCTGGCCGCAGCGATGA  
GCTCCGCCACGCCGCATCATCGACATCCAGTTCAAGAGAGTGCCCTGCAATTAC  
CCTGGGCAGAAGGTGACTTTCCACGTCGAGGAGGGGTCCAACCTCCGTCTACCTCG  
CGGTGCTCGTCGAGTTTGAAGATGGCGACGGCGACGTAGTGCAGGTGGACCTGAT  
GGAGGCCAACTCCGGCTACTGGACGCCGATGCGCGAGTCCTGGGGATCCATCTGG  
AGGCTCGACTCTAACCACCGGCTGCAGGCGCCCTTCTCGCTGCGCATCACAAACG  
AGTCCGGCAGGACGCTGGTGGCCAATCAGGTCATCCCGGCCAACTGGGTGCCCA  
GCACCTACTACCGCTCCATTATCCAGTATTAA

### Nucleotide

>McsEXPB-03

TGATGGTGATCGCGGCCGGGGAACCTGCGTTCTAACGATACTTTTCCTGCCTATAA  
ATGCCCCTCGCAAAGGTGCTCTTCCCCGACCATCCAAACGCACAATCTCATCAGT  
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GCCCTAAGCCAAGATGGCAACGACCTTCTTCCAAGGCTCTTGCATTTGCAGCA

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ACT