

## IDENTIFICATION

**Species:** *Miscanthus sinensis*

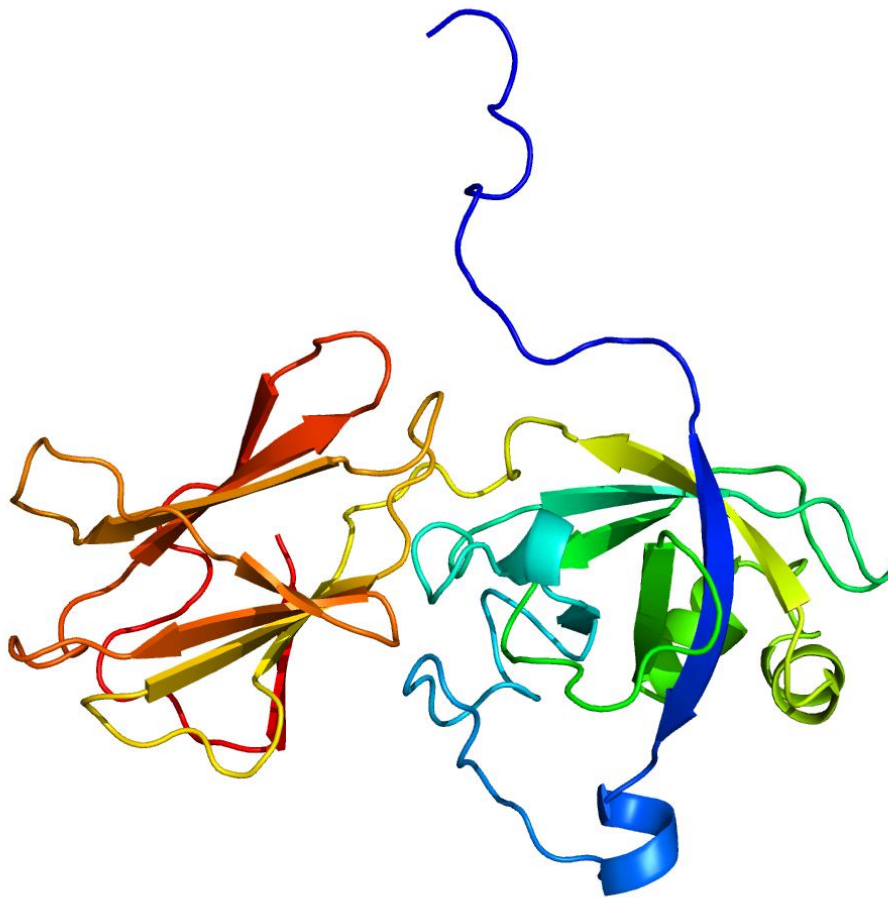
**Locus:** Misin01G514400

**Gene Model:** Misin01G514400.1.p

**Description:** McsEXPB-13

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

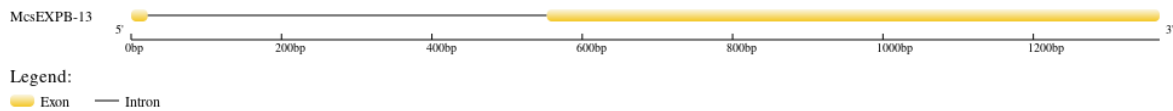
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Msinensis\\_v7\\_1](https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1)

KEGG:-

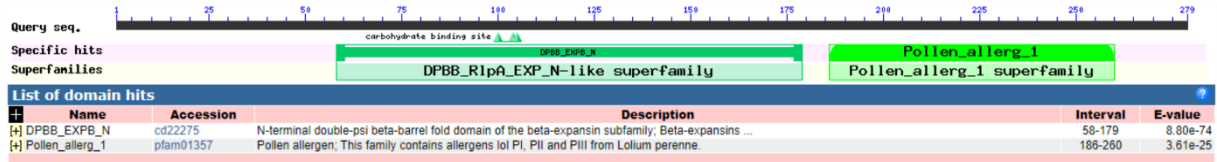
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>McsEXPB-13

MREKGDVITYHPPTTIIMSRSMQVTVVVALAFLVGGAWCGPPKVPPGKNITASYGSDWLEAKATWYGKPTGAGPDDNGGGCGYKDVNKAPFNSMGACGNVPIFKDGLGCGSCFEIKCDKPAECSGEPVVVYITDMNYEPIAAAYHFDLAGTAFGAMAKKGEEELRKA GIIDMQFRRVKCKYGEKVTFFHVEKGCNPNYLALLVKYVDGDGDIVAVDIKEKGGDAYEPLKHSWGAIWRKDSKPLKFPVTVQITTEGGTKSVYNDIIPEDWKPNTAYTAK\*

### CDS (coding sequence)

>McsEXPB-13

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CAGTGACTGGCTGGAAGCGAAGGCGACGTGGTACGGCAAGCCGACGGGCGCCGG  
CCCCGACGACAACGGCGGGCGGGTGC GGGTACAAGGATGTGAACAAGGCCCCCTT  
CAACAGCATGGGCGCGTGCGGCAACGTCCCCATCTTCAAGGACGGCCTCGGCTGC  
GGCTCCTGCTTCGAGATCAAGTGC GACAAGCCGGCCGAGTGCTCCGGCGAGCCCC  
TGGTGGTGTACATCACGGACATGAACTACGAGCCCATCGCCGCGTACCACTTCGA  
CCTGGCCGGCACGGCGTTTGGCGCCATGGCCAAGAAGGGCGAGGAGGAGAAGCT  
GCGTAAGGCGGGCATCATCGACATGCAGTTCCGGCGGGTCAAGTGCAAGTATGG  
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GCTGGTCAAGTACGTTCGACGGCGACGGCGACATTGTGGCGGTTGACATCAAGGA  
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GAAGGACAGCGACAAGCCGCTCAAGTTCCCCGTCACCGTCCAAATCACCACCGA  
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### Nucleotide

>McsEXPB-13

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ATAA