

## IDENTIFICATION

**Species:** *Miscanthus sinensis*

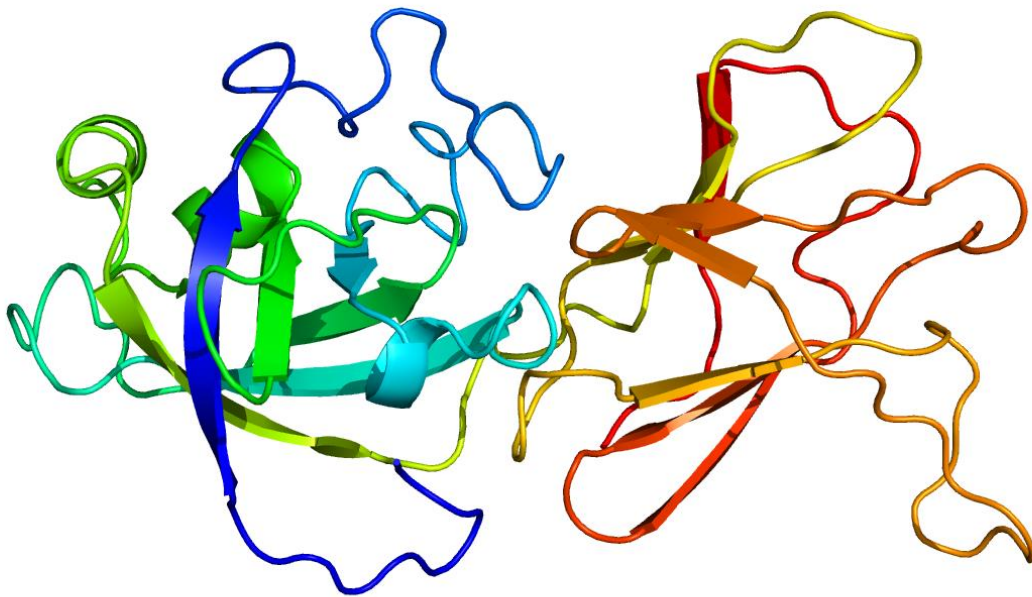
**Locus:** Misin02G274200

**Gene Model:** Misin02G274200.1.p

**Description:** McsEXPB-23

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

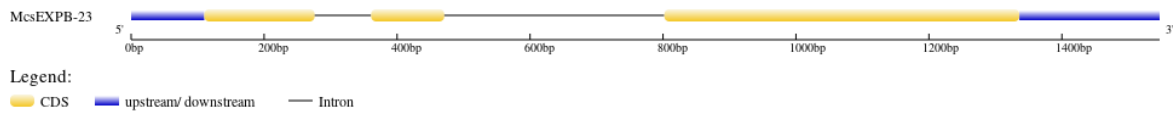
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Msinensis\\_v7\\_1](https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1)

KEGG:-

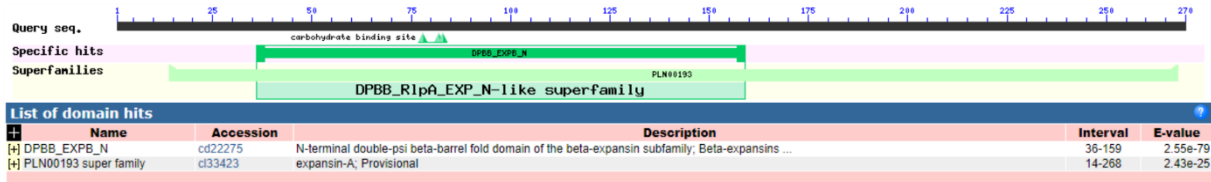
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>McsEXPB-23

MAAAVISISSKVAALAALFVVLAMYAEAASPNGGWQAAKATWYGAPNGAGPDDN  
GGACGFKNTNQYPYMSMTSCGNQPLFKDGKGCACGYQIRCLNSTHDACSGRAKRV  
ITDMNYYPVSKYHFDLSGTAFGAMAKTGLNDKLRHAGIIDIQFRRVPCNYNGLNVN  
RVQVGSNQNYFAVLVQYAGKDGAVVQLDLMETDRATGKPTGVWTPMRVSWGAV  
WRLDTKRPLQPPFSLRVRSDSGKTLVANNVIPADWKPMTDYPSSVQFP\*

### CDS (coding sequence)

>McsEXPB-23

ATGGCCGCCGCGTGATCTCCATCTCCTCCTCAAAGGTTGCTGCACTCGCTGCACT  
GTTCGTGGTGCTCGCGATGTACGCCGAGGCGGCGAGCCCCAACGGCGGCTGGCA  
GGCGGCCAAGGCCACCTGGTACGGCGCGCCCAACGGCGCCGGCCCTGACGACAA  
CGGCGGCGCGTGCGGGTTCAAGAACACCAACCAGTACCCGTACATGTCCATGAC  
GTCGTGCGGTAACCAGCCCCTGTTCAAGGACGGCAAGGGCTGCGGGCGCATGCTAC  
CAGATACGGTGCCTCAATAGCACCCACGACGCTTGCTCCGGCAGAGCGAAGCGT  
GTGATCATCACCGACATGAACTACTACCCGGTGTCCAAGTACCACTTCGACCTCA  
GCGGCACGGCGTTCGGCGCCATGGCCAAGACCGGGCTCAACGACAAGCTCCGCC  
ACGCGGGCATCATCGACATCCAGTTCAGGCGGGTGCCCTGCAACTACAATGGCCT  
GAACGTCAACTTCCGCGTCCAGGTGGGCTCCAACCAGAACTACTTCGCGGTGCTG  
GTGCAGTACGCGGGCAAGGACGGCGCCGTGGTGCAGCTGGACCTGATGGAGACC  
GACAGGGCCACCGGCAAGCCGACGGGCGTGTGGACGCCGATGCGCGTGTCTGG  
GGCGCCGTCTGGCGCCTGGACACCAAGCGCCCGCTGCAGCCGCCCTTCTCGCTGC  
GCGTTCGGAGCGACTCCGGCAAGACGCTGGTGGCCAACAACGTCATCCCGGCCG  
ACTGGAAGCCGATGACCGACTACCCCTCCTCCGTCCAGTTCCTCCCTAG

### Nucleotide

>McsEXPB-23

TGTTGTCCTCCGGTTCGACCAACAAAAACACCGACGACCGAACATCCAAGTACAA  
GTACTCGCTAATCTTGAAAATTATAAGTGACTAGCTGCTGGTTCATCGAGCTGA  
GATGGCCGCCGCGTGATCTCCATCTCCTCCTCAAAGGTTGCTGCACTCGCTGCAC

TGTTTCGTGGTGCTCGCGATGTACGCCGAGGCGGCGAGCCCCAACGGCGGCTGGCA  
GGCGGCCAAGGCCACCTGGTACGGCGCGCCCAACGGCGCCGGCCCTGACGACAA  
CGGTACGTGCGTGCGTCCCCGCACACGGTGGTTGCTACTACCAATGCCCGTGTGC  
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TGGTCAGTTAATTTGATAGTAGGTCAACCGTAGCAGTAACCCTTTAATATCCTCG  
ATACTGACGACGTTGTTGAAAACCCATCAGATACGGTGCCTCAATAGCACCCACG  
ACGCTTGCTCCGGCAGAGCGAAGCGTGTGATCATCACCGACATGAACTACTACCC  
GGTGTCCAAGTACCACTTCGACCTCAGCGGCACGGCGTTCGGCGCCATGGCCAAG  
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AAAATGGTGTGTCGACGTTGTAAGTACGTGTCTTCAGATGCGTGGGATAATGGA  
GGAGGCAATGTGATCTCCCGCCCACCATTGCAACATTTGAAAATAATAACATGCT  
GTTTGT