

## IDENTIFICATION

**Species:** *Miscanthus sinensis*

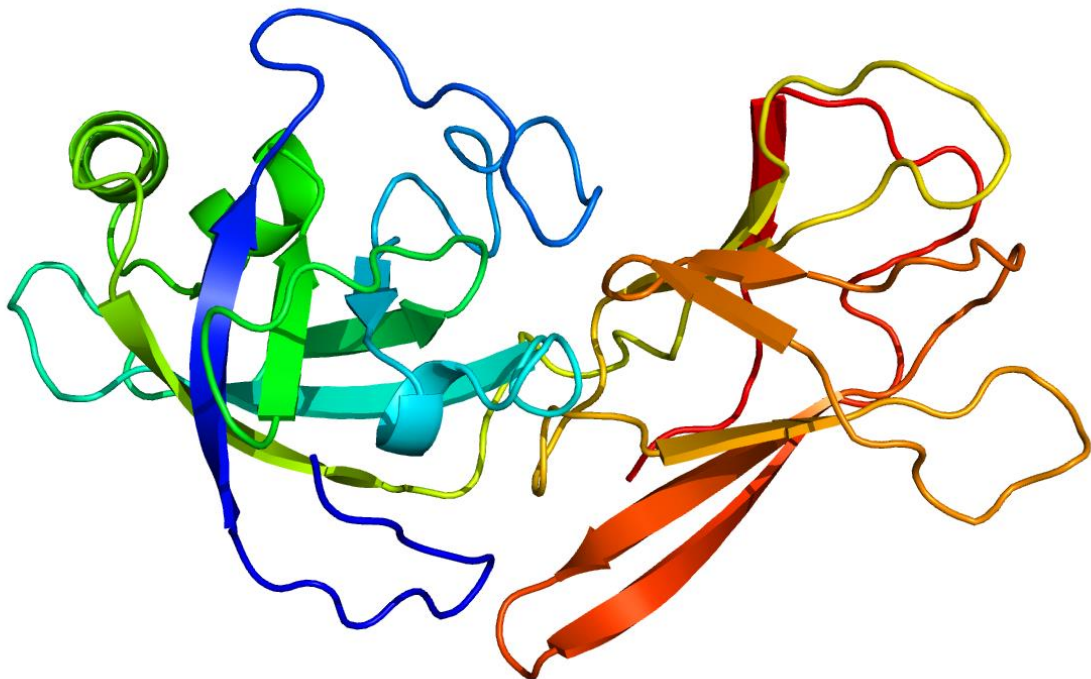
**Locus:** Misin02G283000

**Gene Model:** Misin02G283000.1.p

**Description:** McsEXLA-03

**Family:** Expansin Like Alpha

**3D structure:**



## GENOME DATABASES

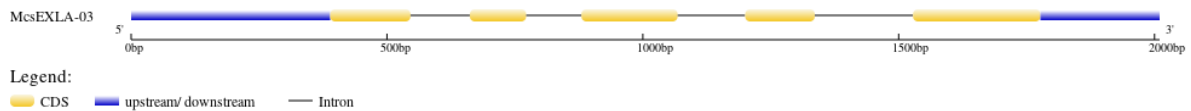
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Msinensis\\_v7\\_1](https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1)

KEGG:-

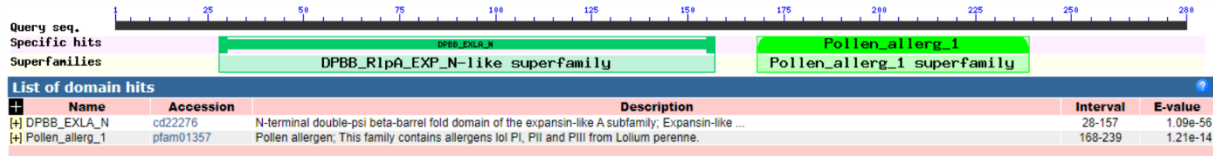
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>McsEXLA-03

MAVVTRGAASLPLVLLLLLVFFFFAAPSPADGCDRCVRRSKATYQASSLALNAGSCG  
YGLAASFNGGFLAAASPELYRGGVACGACFQVRCRDTELCSAAGAKVVVTDQARR  
TSNRTGLVLSAAAYAAMATSAGKAARLKGRRVVDVEYKRIPCEYAKDRNLSIRVVE  
KSRPPSNLSIRFLYQGGQTDIVAVDVATVGSSNWRFMTRDHGPAWSTAQAPAGPLQL  
RLVVTGGYDGKWWVAESEVLPRRWEAGR VYDTGVQVSDVAQEGCYPDTHEWQ\*

### CDS (coding sequence)

>McsEXLA-03

ATGGCTGTCGTCACGAGAGGCGCCGCGTCCCTGCCCTCGTCTTGCTGCTCCTACT  
AGTCTTCTTCTTCTTCGCGGCCCGCTCGCCGGCTGACGGCTGCGACCGCTGCGTGC  
GCCGCTCCAAGGCCACCTACCAGGCCTCCTCGCTCGCCCTCAACGCCGGTTCGTG  
CGGGTACGGCTCCTTGGCCGCGTCCTTCAACGGCGGCTTCCCTCGCCGCGGCCAGC  
CCCGAGCTCTACAGGGGCGGCGTCGCCTGCGGTGCCTGCTTCCAGGTGCGGTGCA  
GGGACACCGAGCTGTGCAGCGCGGGCGGCGGAAAGTGGTGGTGACGGACCAGG  
CGCGGAGGACGTCGAACCGCACGGCCTGGTGCTGAGCGCCGCGGCGTACGCGG  
CCATGGCCACCAGCGCCGGCAAGGCCGCGCGGCTCAAGGGCCGCGCGTCGTCG  
ACGTCGAGTACAAGAGGATAACCCTGCGAGTACGCGAAGGACCGCAACCTGTGCA  
TACGCGTGGTGGAGAAGAGCCGGCCGCGGAGCAACCTATCCATCAGGTTCCTGTA  
CCAGGGCGGCCAGACCGACATCGTCGCCGTCGACGTCGCAACCGTCGGGTCGTCC  
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TGGGTGTGGGCGGAGTCGGAGGTGCTGCCGCGCCGGTGGGAGGCCGCGCGTC  
TACGACACCGGGGTGCAGGTCTCCGACGTCGCGCAGGAAGGCTGCTACCCCTGCG  
ACACGCACGAGTGGCAGTGA

### Nucleotide

>McsEXLA-03

GGGGTCGGTGGCCGCCCCCGTGGCCCCCTGTCCCAGAAGAACCAACCTCCCTCTC  
GCTATATCCGTCCCACGGCGCCGCGCTTGGGTCCCTCCC AAAGACCCAAACGTGT  
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CGTGGAGGCGGCATAAAGCCAGCCGGCGCTCCTGCAAGCGCAAACAATCCCC  
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ACCAGGCGCGGAGGACGTCGAACCGCACGGGCTGGTGTGAGCGCCGCGGGCGT  
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GCGCACGATGCGTGTGCTGTGTGCACGATG