

## IDENTIFICATION

**Species:** *Miscanthus sinensis*

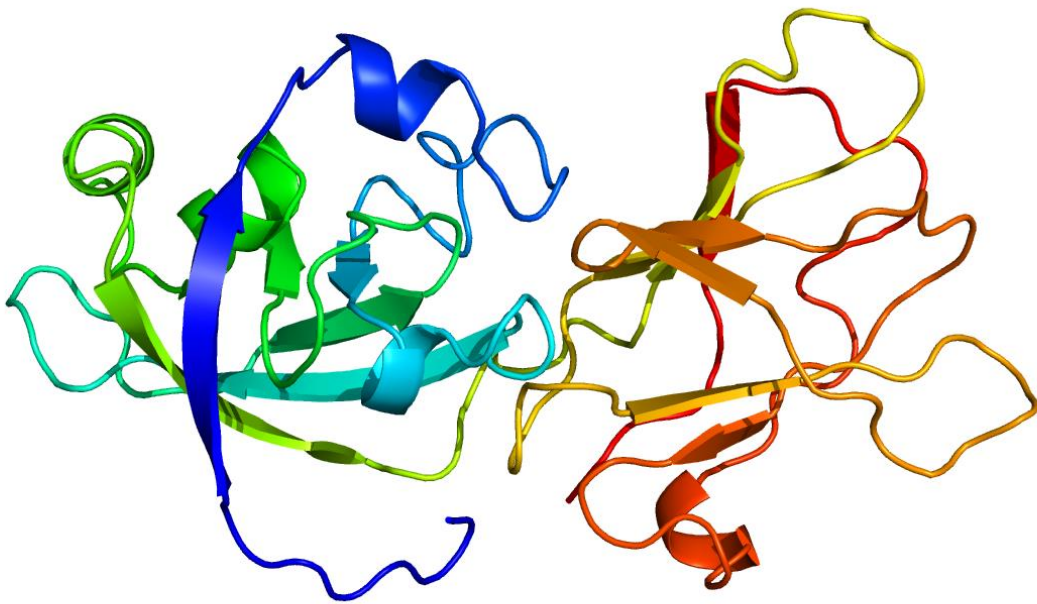
**Locus:** Misin02G504800

**Gene Model:** Misin02G504800.1.p

**Description:** McsEXLA-04

**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:-

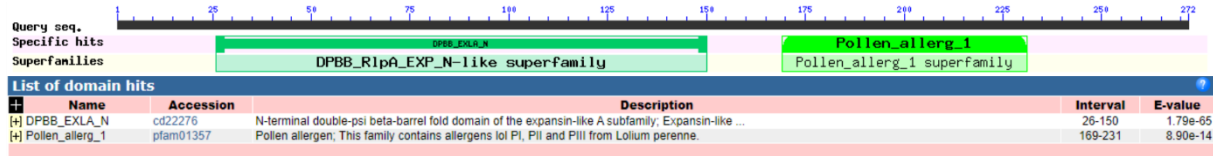
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>McsEXLA-04

MAVPAGLAASTTLPLLLLWWLPLLASACDRCVRHСКАAAYTSSLTLAGGSCGYGT  
EAASFSAGFLAAASPALYRAGVGGACFQVRCCKDKKLCAAAGARVVVTGRARTNR  
TDLVLSSTAFAMARPGMSKRLAGLRTVDVEYKRVPCYKHRNLSVRVEDKSRAPG  
DLAIRFLYQGGQTDIVAVDVAQVGSSNWKFMTDNGLAWSTSQAPPGLQLRVVVT  
GGYDQKWWADREVLPRRWRAGEVYDTGVQITDIAQEGCFPCDTHEWE\*

### CDS (coding sequence)

>McsEXLA-04

ATGGCCGTCCCTGCCGGCCTCGCCGCCTCCACCACGCTCCCGCTGCTGCTCCTCGT  
CTGGTGGCTCCCGCTCCTCGCGTCCGCCTGCGACCGCTGCGTGCGCCACTCCAAG  
GCCGCCTACTACACCTCCTCCCTCACCTCGCCGGCGGCTCCTGCGGGTACGGCA  
CCGAGGCCCGCCTCCTTCAGCGCCGGCTTCCTCGCCGCCGCCAGCCCCGCGCTGTA  
CCGCGCCGGCGTTCGGCTGCGGCGCCTGCTTCCAGGTGCGTTGCAAGGACAAGAA  
GCTCTGCGCCGCGGGCGGGCGCCAGGGTGGTGGTCACCGGCCGCGCCAGGACCAA  
CCGAACCGACCTCGTGCTCAGCAGCACCGCGTTCGCCGCCATGGCGCGCCCCGGC  
ATGTCCAAGCGCCTCGCCGGCCTCCGCACCGTCGACGTCGAGTACAAGAGGGTGC  
CGTGCGAGTACAAGCACAGGAACCTGTCCGGTGGAGGTGGAGGACAAGAGCCGCG  
CGCCGGGGGACCTCGCCATCAGGTTCTTACCAGGGCGGCCAGACCGACATCGT  
CGCCGTCGACGTCGCGCAGGTGGGTTCGTCCAAGTTCATGACGCGCGAC  
AACGGGCTGGCGTGGAGCACGAGCCAGGCGCCGGGGCCGCTCCAGCTCAGG  
GTGGTGGTGGCGGGCGGCTACGACGGCAAGTGGGTGTGGGCCGACCGCGAGGTG  
CTGCCGCGGGCGGTGGCGCGCCGGCGAGGTCTACGACACGGGCGTCCAGATCACT  
GACATCGCCAGGAGGGCTGCTTCCCCTGCGACACGCACGAGTGGGAGTGA

### Nucleotide

>McsEXLA-04

AAGTCTCTGCAGGATCTGCAAAAGCTGTGGCCTTTGCTCCTCACCATTACAGCAGA  
ATTATAATAGTCCGTGTGTCTGTACTTGCCACCGGAGAGGGGGGAAAGAAGAAG  
GACGTCACGAAAGGAAGCCACGCACGTTTGATGCCCGGCGTGCAAGCGGCCA  
AAGGGACCCCGTCCGGCGCAGTGGTCCGCTCCGCTGACGCCCGCTGCGCCTTTC

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GCCGCCGCCAGCCCCGCGCTGTACCGCGCCGGCGTCCGGCTGCGGCGCCTGCTTCC  
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AGAAGCTCTGCGCCGCGGCGGGCGCCAGGGTGGTGGTCACCGGCCGCGCCAGGA  
CCAACCGAACCGACCTCGTGCTCAGCAGCACCGCGTTCGCCGCCATGGCGCGCCC  
CGGCATGTCCAAGCGCCTCGCCGGCCTCCGCACCGTCGACGTCGAGTACAAGAGG  
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