

IDENTIFICATION

Species: *Miscanthus sinensis*

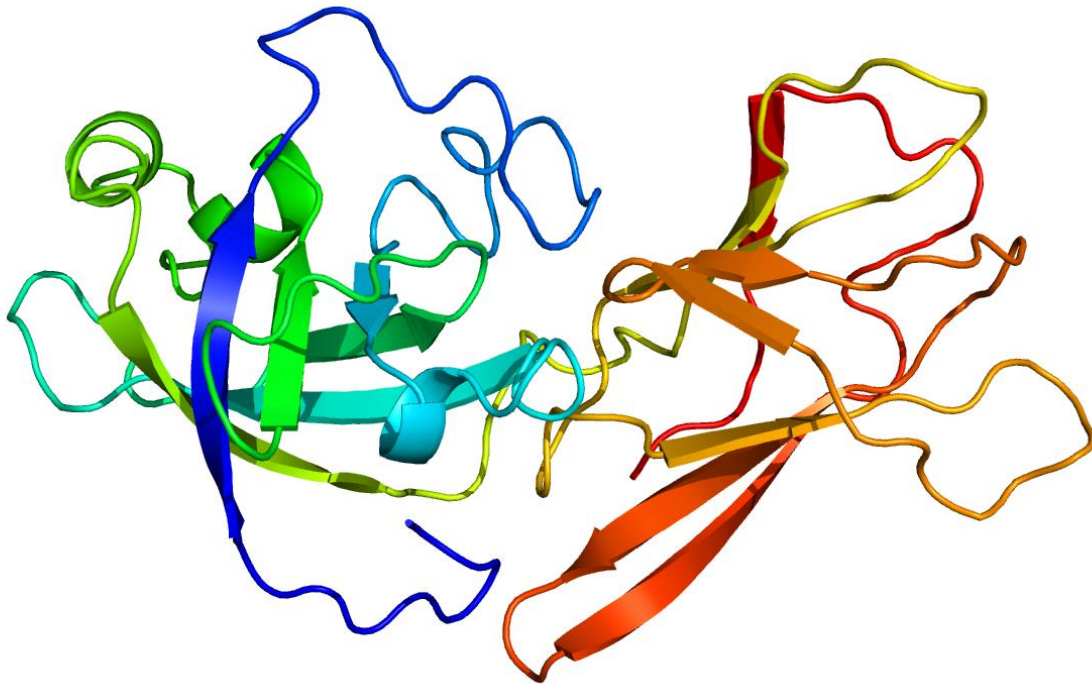
Locus: Misin01G294100

Gene Model: Misin01G294100.1.p

Description: McsEXLA-01

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

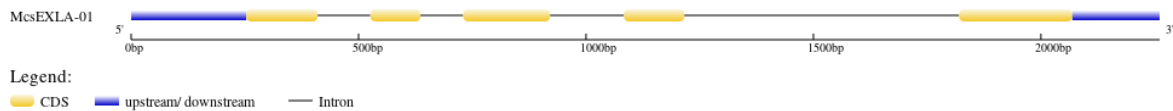
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

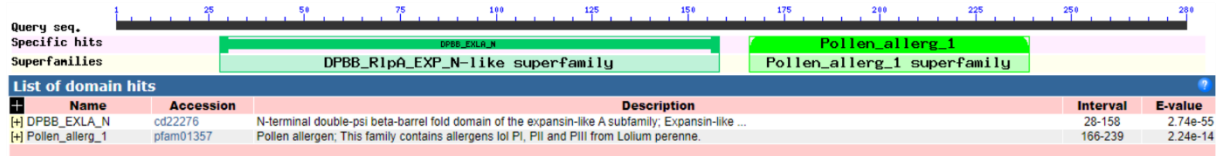
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXLA-01

MAVVTRGAASLPLVLLLLLVVVFFAAPSPADGCDLCVRRSKATYRASSLALNAGSCG
YGLAASFNGGFLAAASPKLYRGGVGCACFQVRCRDTELCSAAGAKVVVTDQART
TSNRTGLVLSAAAYAAMASAGTGKAARLRDRRVVDVEYKRIPCEYAKDRNLSIRVE
KSRPPSDLIRFLYQGGQTDIVAVDVATVGSSNWRFMTRDHGPAWSTAQAPAGPLQL
RLVVTGGYDGKWWVAESEVLPRRWEAGR VYDTGVQVSDVAQEGCYPCDTHEWQ*

CDS (coding sequence)

>McsEXLA-01

ATGGCTGTCGTCACGAGAGGCGCCGCGTCCCTGCCCTCGTCTTGCTGCTCCTACT
AGTCGTCGTCTTCTTCGCGGCCCGTCTCCGGCTGACGGCTGCGACCTCTGCGTGC
GCCGCTCCAAGGCCACCTACCGGGCCTCCTCGCTCGCCCTCAACGCCGGTTCGTG
CGGGTACGGCTCCTTGGCCGCGTCCTTCAACGGCGGATTCCCTCGCCGCGGCCAGC
CCCAAGCTGTACAGGGGCGGCGTCGGCTGCGGTGCCTGCTTCCAGGTGCGGTGCA
GGGACACGGAGCTGTGCAGCGCGGGCGCGAAAGTGGTGGTGACGGACCAGG
CGCGGACGACGTCGAACCGCACGGCCTGGTGCTCAGCGCCGCGGCGTACGCGG
CCATGGCCAGCGCTGGCACCGGCAAGGCCGCGCGGCTCAGGGACCGGCGCGCTCG
TCGACGTCGAGTACAAGAGGATACCCTGCGAGTACGCCAAGGACCGCAACCTGT
CGATACGCGTGGAGAAGAGCCGGCCGCGGAGCGACCTATCCATCAGGTTCTGTGA
CCAGGGCGGCCAGACCGACATCGTCGCCGTCGACGTCGCCACCGTCGGGTCTGCC
AACTGGCGGTTTCATGACGCGGGACCACGGACCGGCGTGGAGCACGGCGCAGGCG
CCGGCGGGGCGGCTGCAGCTCCGGCTGGTGGTCACCGGCGGCTACGACGGCAAG
TGGGTGTGGGCGGAGTCGGAGGTGCTGCCGCGCCGGTGGGAGGCCGGCCGCGTC
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Nucleotide

>McsEXLA-01

TTCCGTCCCTCCCAAAGACCCAAACGTGTACGCGTCCCGTGTGCGAAAACATTCTG
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GGCAATTCGTCTGTTTTCTTGGTGGGCGAATTTGGATTCTAAGCAAGGATTGGCAT
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CTGCGCTCCTTGTCGCTGCGCGGTGCCGTGCGCGAGCACGGTGTCCGTCCGTAGT
GTCAGCGCAGCTTTCGGTCCCACGTGCCGACTATGGAGAGTTGTTTGGGAGAAGG
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CAAGGACCGCAACCTGTCGATACGCGTGGAGAAGAGCCGGCCGCCGAGCGACCT
ATCCATCAGGTTCCCTGTACCAGGGCGGCCAGACCCGACATCGTCGCCGTGACGTC
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GGAGAGTCAAATCAAATCTCAAACAACGTGCCGTTGCAACTTGGTTCCGTTGTG
TTGCTC