

IDENTIFICATION

Species: *Miscanthus sinensis*

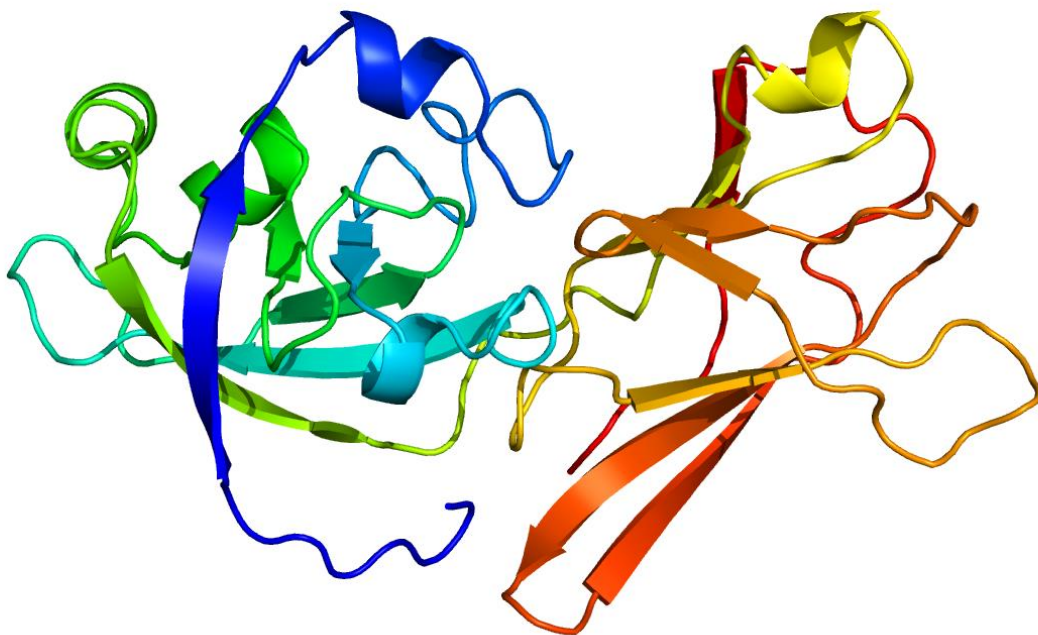
Locus: Misin01G494700

Gene Model: Misin01G494700.1.p

Description: McsEXLA-02

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

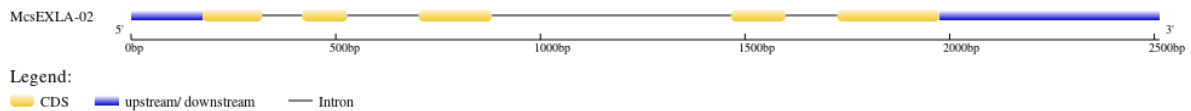
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

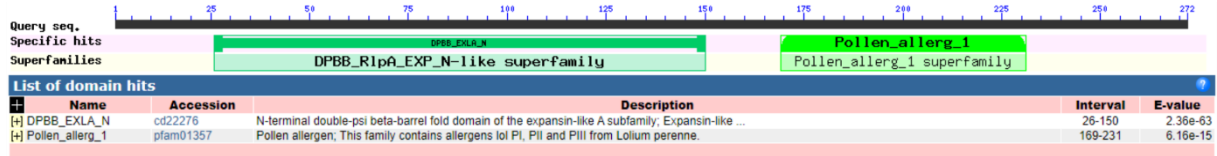
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXLA-02

MAVPAGLAASTTLPLLLLVWWLPLLASACDRCVRHСКАAAYTSSLTLAGGSCGYGT
EAASFSAGFLAAASPALYRAGIGCGACFQVRCKDKLCAASGARVVVTDRARTNRT
DLVLSSTAFAMALPGMAKRLAGFHSVDVEYKRVPCHEYKHRNLSVRVEDKRRAPG
DLAIRFLYQGGQTDIVAVDVAQVGSNNWKFMTDNGPAWSTSQAPPGPLQLRVVVT
GGYDQKWWADREVLPRRWRAGEVYDTGVQITDIAQEGCFPCDTHEWE*

CDS (coding sequence)

>McsEXLA-02

ATGGCCGTCCCTGCCGGCCTCGCCGCCTCCACCACGCTCCCGCTGCTGCTCCTCGT
CTGGTGGCTCCCGCTCCTCGCGTCCGCCTGCGACCGCTGCGTGCGCCACTCCAAG
GCCGCCTACTACACCTCCTCGCTCACCTCGCCGGCGGCTCCTGCGGGTACGGCA
CCGAGGCCGCTCCTTCAGCGCCGGCTTCCTCGCCGCCGCCAGCCCCGCGCTGTA
CCGCGCCGGCATCGGCTGCGGCGCCTGCTTCCAGGTGCGGTGCAAGGACAAGAA
GCTCTGCGCCGCTCGGGCGCCAGGGTGGTGGTCACCGACCGCGCCAGGACCAA
CCGCACCGACCTCGTGCTCAGCAGCACCGCGTTCGCGGCCATGGCGCTCCCCGGC
ATGGCCAAGCGCCTCGCCGGCTTCCATTCCGTCGACGTCGAGTACAAGAGGGTGC
CGTGCGAGTACAAGCACAGGAACCTGTCCGGTGGAGGTGGAGGACAAGCGCCGCG
CCCCGGGCGACCTCGCCATCAGGTTCTTACCAGGGCGGCCAGACCGACATCGT
CGCCGTCGACGTCGCGCAGGTGGGTTCGTCCAAGTTCATGACGCGCGAC
AACGGGCCGGCGTGGAGCACGAGCCAGGCGCCGCGGGGCGCTCCAGCTCAGG
GTGGTGGTACGGGCGGCTACGACGGCAAGTGGGTGTGGGCCGACCGCGAGGTG
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Nucleotide

>McsEXLA-02

GGTAGCTGAGCTGAGCAAGTGGAGCGTGGGGAGGACTTCTGCGCTGTTTCGAGTG
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GTAAAGAAAAAGGAAATAAACACCAATCGACCTGTTTCGCTTGATCATTTCTTTAG
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TGCCATGCCTTTCATTTCAATTCATATTCATCGTATACGGGTGACTAGTAGTAGT
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GCGTCCC GGCGGAGGCCGAAAGAATAATAATGAAACGAACGAAAAGAACGGC
CGCCTTGAGCGAGCGTGAAGCAACAAGCAACTCCGCCGCCGGCCATGGCCGATTT
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GTA CT TCTCGCCTGTCTGTCTTTCTGTCTCCTGCCTCGTTTGAGCTGTCTGTAATGT
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