

IDENTIFICATION

Species: *Miscanthus sinensis*

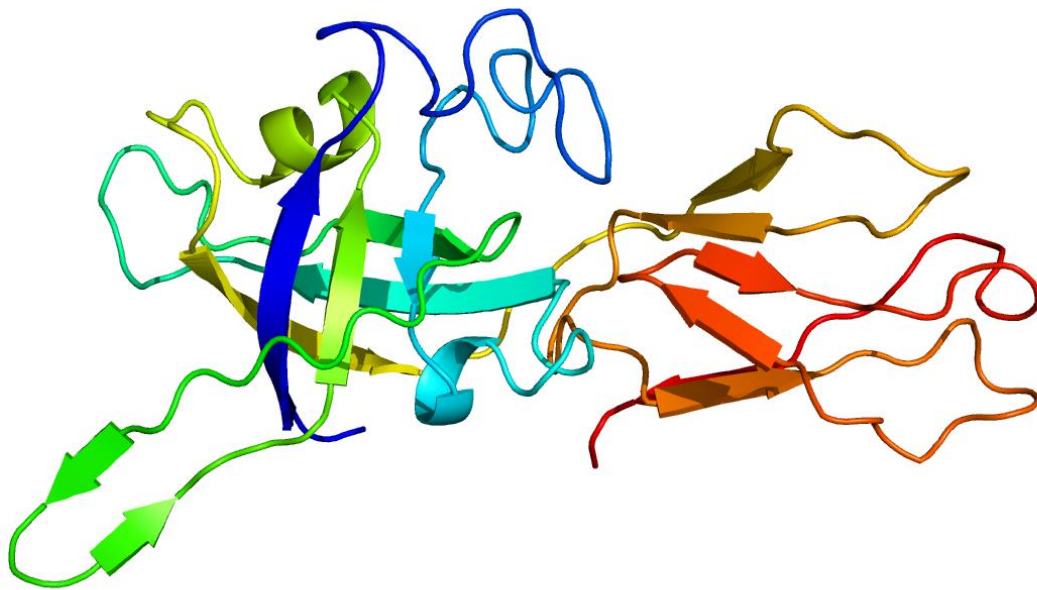
Locus: MisinT224700

Gene Model: MisinT224700.1.p

Description: McsEXPA-67

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

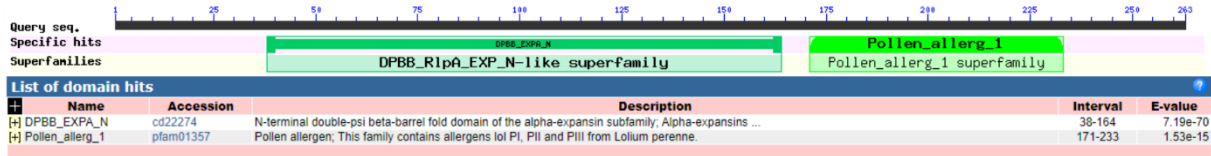
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPA-67

MDTSASSSRFAAAA VVAALQLLLL PALSSAGGDAWQQWQEAHATFYGDESGADT
MQGACGYGDLFQQGYGLETTALSVALFN EGWSCGGCYEIRCQGSTFCAPGGAPVTV
TATNLCPANYSKPNENWCNPLRHFDLSKPMFLRLVTDHFVGIIPVQYRRVACAKRG
GVRFELKGNRWWVAVLVFNVAGTGDVKA VAAKGSRDGGQWIDMARSWGQVWTN
GDGRSVGEGLSVHYQSDRLCFLRLHCKTQPGHGGQRLSEVV*

CDS (coding sequence)

>McsEXPA-67

ATGGACACTAGTGC GTCGTCTCGCTTTGCGGCGGCAGCCGCGGTGGTGGCGG
CGCTGCAGCTGCTGCTTCTGCCGGCGTTGTCGTTCGGCCGGCGGCGACGCCTGGCA
GCAGTGGCAGGAGGCGCACGCCACGTTCTACGGCGACGAAAGCGGCGCCGACAC
CATGCAGGGCGCGTGC GGCTACGGCGATCTGTTCCAGCAGGGGTACGGGCTGGA
GACGACGGCGCTAAGTGTGGCGCTCTTCAACGAGGGCTGGTTCGTGCGGCGGCTGC
TACGAGATACGGTGCCAGGGCAGCACGTTCTGCGCCCCCGGCGGCGCGCCGGTG
ACGGTGACGGCGACGAACCTGTGCCCGGCGAACTACTCGAAGCCGAACGAGAAC
TGGTGCAACCCGCGCTGCGGCACTTCGACCTGTCCAAGCCATGTTTCTGCGCCT
CGTCACCGACTTCCACGTCGGGATCATCCCCGTGCAGTACCGCCGCGTGGCGTGC
GCCAAGCGCGGCGGCGTGC GGTTTCGAGCTGAAGGGCAACCGGTGGTGGGTCCGC
GTGCTCGTGTTCAACGTCGCCGGGACTGGGGACGTCAAGGCCGTCCCGCGAAG
GGGTCACGGGACGGCGGGCAGTGGATCGACATGGCGCGCAGCTGGGGACAGGTC
TGGACGAACGGGGATGGACGGAGCGTCCGGGAGGGCCTCTCTGTGCACTACCAG
TCTGATCGGTTATGCTTCCTGCGGCTCCACTGCAAGACACAGCCTGGGCATGGTG
GGCAACGGCTCAGCGAGGTCGTGTAG

Nucleotide

>McsEXPA-67

ATGGACACTAGTGC GTCGTCTCGCTTTGCGGCGGCAGCCGCGGTGGTGGCGG
CGCTGCAGCTGCTGCTTCTGCCGGCGTTGTCGTTCGGCCGGCGGCGACGCCTGGCA
GCAGTGGCAGGAGGCGCACGCCACGTTCTACGGCGACGAAAGCGGCGCCGACAC
CATGCGTAAGATTCTTCTGCTCTGCTGTTTCATCACGCACACGCACGAACGTTCTA

