

IDENTIFICATION

Species: *Miscanthus sinensis*

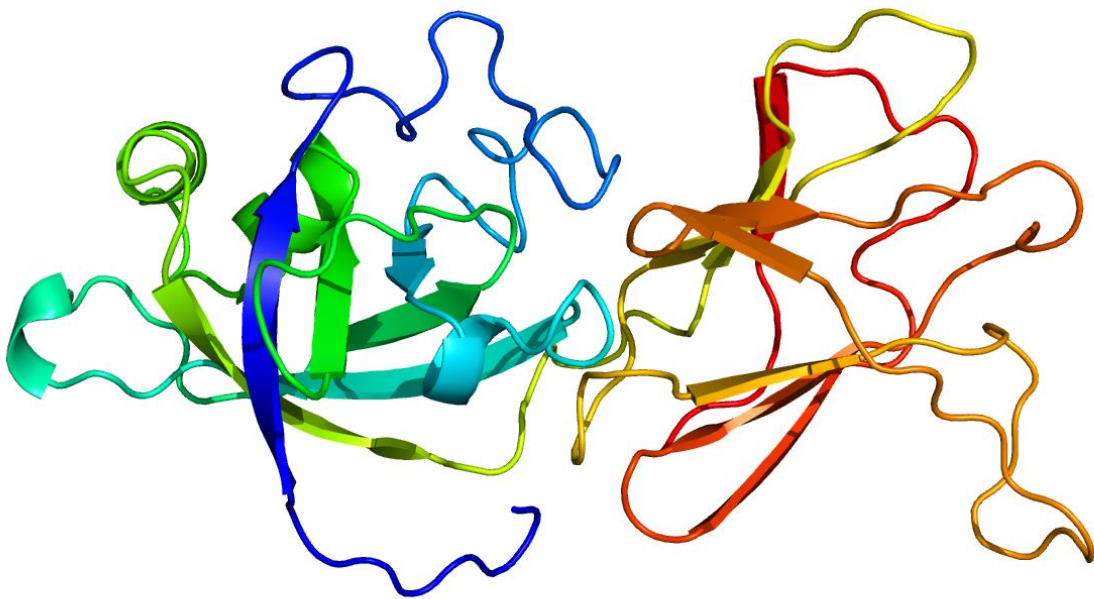
Locus: Misin01G284600

Gene Model: Misin01G284600.1.p

Description: McsEXPB-07

Family: Beta Expansin

3D structure:



GENOME DATABASES

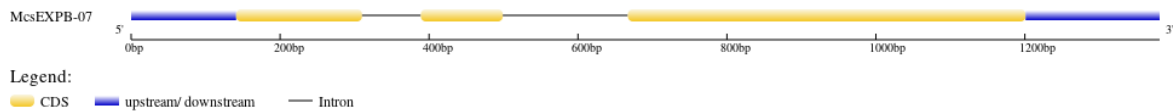
Phytozome: https://phytozome-next.jgi.doe.gov/info/Msinensis_v7_1

KEGG:-

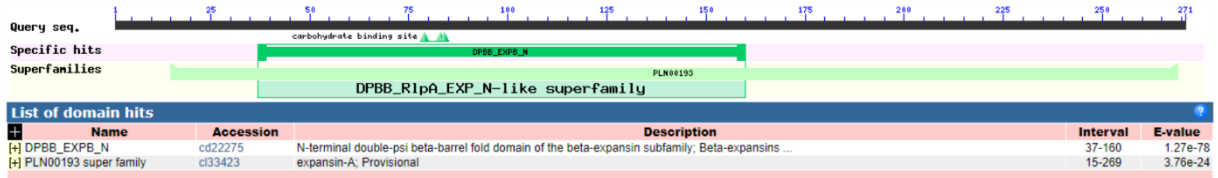
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-07

MAAAAVISISSKVAALAALFVVLAMYAEAASPKGGWQAAKATWYGAPNGAGPDD
NGGACGFKNTNQYPYMSMTSCGNQPLFKDGGKGCACGYQIRCLNSTHDACSGRAKR
VIITDMNYPVSKYHFDLSGTAFGAMAKTGLNDKLRHAGILDIQFRRVPCNYKGLNV
NFRVQVGSNPNYFAVLVQYAGKDGAALDLMETDRATGKPTGVWTPMRVSWGA
VWRLDTRPLQPPFSLRVRNGSGKTLVASNVIPADWKPLTDYPSSVQFP*

CDS (coding sequence)

>McsEXPB-07

ATGGCCGCCGCCGCGCGTGATCTCCATCTCCTCCTCAAAGGTGGCTGCACTCGCTG
CACTGTTTCGTGGTGCTCGCGATGTACGCCGAGGCGGCGAGCCCAAAGGGCGGCT
GGCAGGCGGCCAAGGCCACCTGGTACGGCGCGCCCAACGGCGCCGGCCCTGACG
ACAACGGTGGCGCGTGC GGTTCAAGAACACCAACCAAGTACCCGTACATGTCCAT
GACGTCTCTGCGGCAACCAGCCGCTGTTCAAGGACGGCAAGGGCTGCGGCGCATG
CTACCAGATACGGTGCCTCAATAGCACCCACGATGCTTGCTCCGGCAGAGCGAAG
CGTGTGATCATCACCGACATGAACTACTACCCGGTGTCCAAGTACCACTTCGACC
TCAGCGGCACAGCGTTCGGCGCCATGGCCAAGACCGGGCTCAACGACAAGCTCC
GCCACGCGGGCATCCTCGACATCCAGTTCGGGCGGGTGCCCTGCAACTACAAGGG
CCTGAACGTCAACTTCCGCGTCCAGGTGGGGTCCAACCCGAACTACTTCGCGGTG
CTGGTGCAGTACGCGGGCAAGGACGGCGCCGCGGCGCAGCTGGACCTGATGGAG
ACCGACAGGGCGACCGGCAAGCCGACGGGCGTGTGGACGCCGATGCGCGTGTCCG
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TGCGCGTCCGGAACGGCTCCGGCAAGACGCTGGTGGCCAGCAACGTCATCCCGG
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Nucleotide

>McsEXPB-07

TCGCTGCCTATAAATGCACCGGCAGTGTCTCCTCCGGTCGACCAACAAAAACA
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CCATCAGATACGGTGCCTCAATAGCACCCACGATGCTTGCTCCGGCAGAGCGAAG
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GCCACGCGGGCATCCTCGACATCCAGTTCGGGCGGGTGCCCTGCAACTACAAGGG
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CGCTGCGATCACCGTCACCCGATCATTGTTATTCGTCCGATTAGTTACATTGCTTA
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