

IDENTIFICATION

Species: *Miscanthus sinensis*

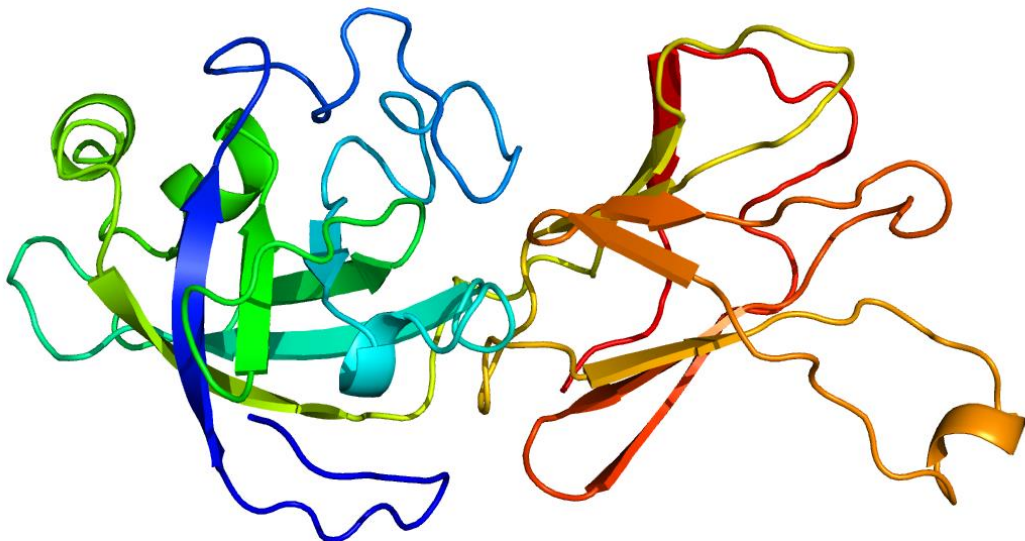
Locus: Misin02G515400

Gene Model: Misin02G515400.1.p

Description: McsEXPB-34

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

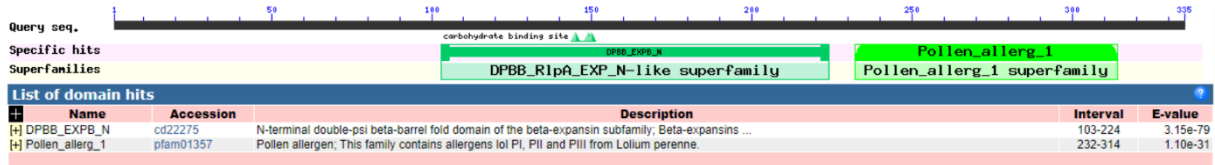
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>McsEXPB-34

MAVLWSLCSRAVAAALLCLLVAHGSNCAKHNNGGGSSGGKSHKQGGRGGHAHAHA
AHAAPTSPSPSPAPAAPPGGAAGTVPPPVYPTPTTTPPPASNGSSGGWLNARATWYG
APNGAGPDDNGGACGFKGVNLPPFSAMTSCGNEPLFKDGGKGCSCYQIRCKAHPAC
SGVTETVIITDMNYYPVAPYHFDLSGTAFGAMAKDDRNDLRHAGIIDIQFKRVPCQ
YAGLTVTFHIERGSNPNYLAVLVEYENGDDVVQVDLMESRPDDGEPTGVWPEMRE
SWGSIWRMDTRRPLQGPFSLRVTNESGKTLVADQVIPADWQPDNVYSSIVQFD*

CDS (coding sequence)

>McsEXPB-34

ATGGCGGTACTGTGGTCCTTGTGCTCCCGCGCCGTGGCTGCTGCGCTGCTGTGCCT
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CATGCCGCCCCGACCCCGTCTCCTTCTCCTTCTCCTGCGCCGGCGGCTCCACCTGG
TGGTGTGCTGGTACAGTCCC GCCCGCCGTGTACCCGACCCCGACGACGACGCCT
CCGCCGGCAAGCAACGGCAGTAGTGGTGGGTGGCTCAACGCCCGTGGCAGATGG
TACGGCGCCCCAACGGGGCGGGGCCGACGACAACGGCGGCGCGTGGCGGCTTC
AAGGGCGTGAACCTGCCACCTTTCTCGGCGATGACGTCCTGCGGCAACGAGCCAC
TCTTCAAGGACGGCAAAGGATGCGGCTCCTGCTACCAGATCCGTTGCAAGGCCA
CCCTGCGTGCTCCGGCGTGACGGAGACGGTGATCATCACGGACATGA ACTACTAC
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AGAGGGTTCCGTGCCAGTACGCTGGGCTGACGGTGACCTTCCACATCGAGCGCGG
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CGTGTGGGAGCCCATGCGCGAGTCC TGGGGCTCCATCTGGAGGATGGACACCCGC
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Nucleotide

>McsEXPB-34

TAGAAGGCTGGCTCGTGAACCCCCCAAGGCCACGGGCCAGCAGGCAAGCAAGCT
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