

IDENTIFICATION

Species: *Mimulus guttatus*

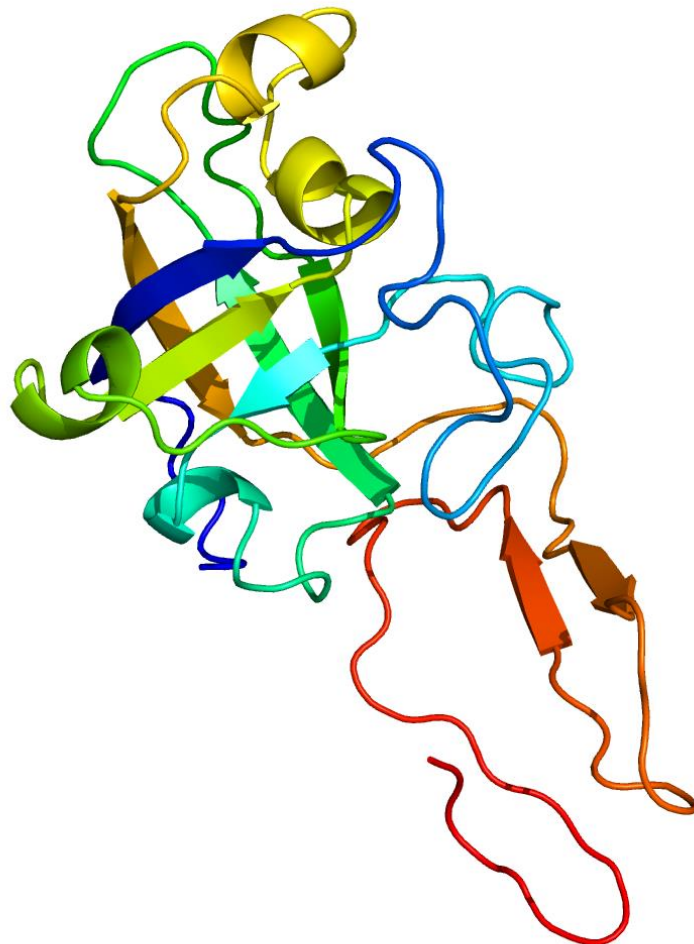
Locus: Migut.H01074

Gene Model: Migut.H01074.2.p

Description: MgEXPB-14

Family: Beta Expansin

3D structure:



GENOME DATABASES

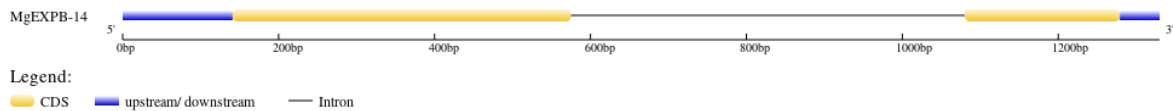
Phytozome: https://phytozome-next.jgi.doe.gov/info/Mguttatus_v2_0

KEGG:-

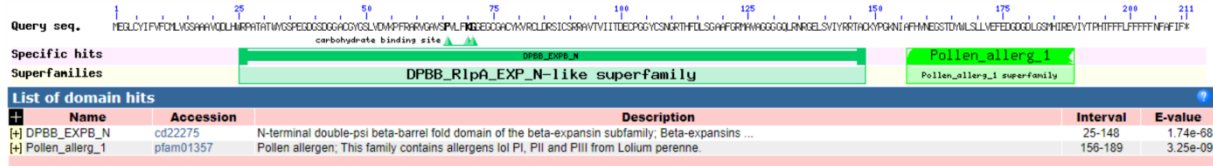
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MgEXPB-14

MEGLCYIFVFCMLVGSAAAVQDLHWRPATATWYGSPEGDGSDGGACGYGSLVDVK
PFRARVGA VSPVLFKGGEGCGACYKVRCLDRSICSRRAVTVIITDECPGGYCSNGRTH
FDLSGAAFGRMAVAGGGGQLRNRGELSVIYRRTACKYPGKNIAFHVNEGSTDYWLS
LLVEFEDGDGDLGSMHIREVIYTPHTFFLFFFFNF²¹¹AFIF*

CDS (coding sequence)

>MgEXPB-14

ATGGAGGGTCTCTGCTACATTTTCGTTTTTGCATGCTAGTGGGCTCCGCCCGCCG
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AGGCGACGGCAGTGATGGCGGCGCGTGCGGGTACGGGTCCCTGGTGGATGTGAA
ACCGTTCAGGGCCCGAGTCGGGGCGGTGAGCCCGGTGCTGTTCAAGGGCGGCGA
GGGTGCGGCGCGTGCTACAAGGTGAGGTGTTTGGACCGTTCGATATGTTTCGAGG
AGGGCGGTGACTGTAATTATAACCGACGAGTGCCCCGGTGGGTACTGCTCCAACG
GCCGCACGCAATTCGATCTCAGCGGCGCCGCTTTCGGAAGAATGGCGGTTGCCGG
CGGCGGAGGGCAGTTGCGTAACCGTGGGGAGCTTTCAGTCATTTACAGGAGGAC
GGCGTGCAAATATCCAGGGAAAAACATAGCGTTCATGTGAATGAAGGATCAAC
TGATTATTGGTTGTCTCTATTAGTTGAATTTGAGGATGGAGATGGTGTCTTGTT
CCATGCACATCAGAGAGGTAATTTACACACCACATACCTTTTTTTTTTCTTTTTTTT
TTTTTTTAACTTTGCTTTTATATTTAA

Nucleotide

>MgEXPB-14

CAAACACTACATCACAGTTTTTTTTTTAGTACAGTGCTCAGTTGCAAGAGCACTGTGT
TTTCAACAGTACTAAATAAAGTGTGCGCAGACCAATTTTTTTTTTCTCGATTCCA
CGCGCCACCGTGGAGAGGTTGTTTAGAGTATGGAGGGTCTCTGCTACATTTTCGT
TTTTTGCATGCTAGTGGGCTCCGCCGCGCTGTGCAAGACCTACATTGGCGTCCG
GCCACAGCCACGTGGTACGGAAGCCCGGAAGGCGACGGCAGTGATGGCGGCGCG
TGCGGGTACGGGTCCCTGGTGGATGTGAAACCGTTCAGGGCCCGAGTCGGGGCG
GTGAGCCCGGTGCTGTTCAAGGGCGGCGAGGGGTGCGGCGCGTGCTACAAGGTG
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TGAGCTTAAGATACAAATTTTGCAGTTAAAATAATTAATTATGTAATTTATATGA
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