

IDENTIFICATION

Species: *Mimulus guttatus*

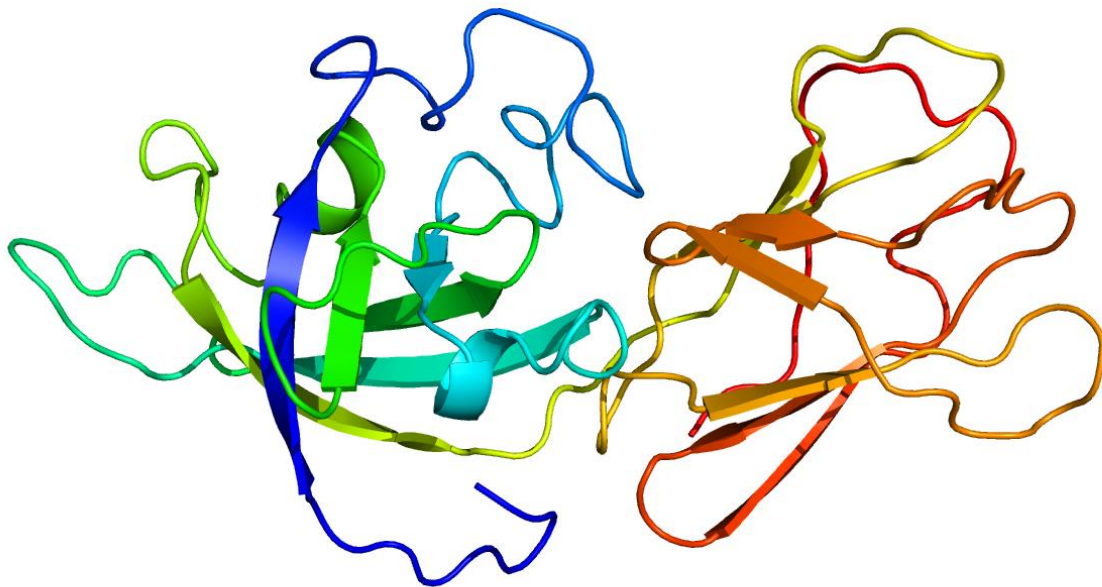
Locus: Migut.J00325

Gene Model: Migut.J00325.1.p

Description: MgEXPA-15

Family: Alpha Expansin

3D structure:



GENOME DATABASES

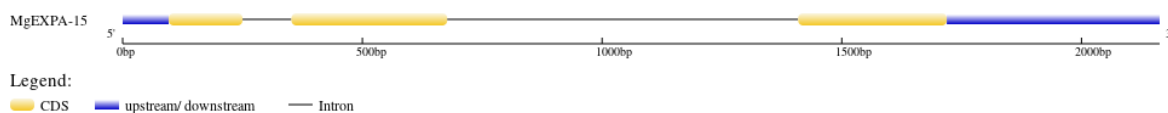
Phytozome: https://phytozome-next.jgi.doe.gov/info/Mguttatus_v2_0

KEGG:-

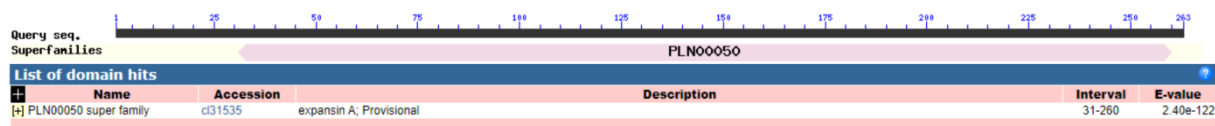
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MgEXPA-15

MPPAMKFLLCFATVLCFLTSAQARIPGVYAGGPWETAHATFYGGSDASGTMGGACGYGNLYSQYGVNTAALSTALFNNGLSGACFEIKCDAQAQDSKWCNPGSPSILVTATNFCPPNFALPNDNGGWCNPPRTHFDLAMPFLKIAQYRAGIVPVNFRIPCRKQGGMRTINGFRYFNLVLVTNVAGAGDIVRVSIKGTNTQWISMSRNWGQNWQSNVVLVGQALSFRVTAGDRRTSTSINVAPPHWQFGQTFTAKNFRV*

CDS (coding sequence)

>MgEXPA-15

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Nucleotide

>MgEXPA-15

CATTTCGCTCCAACACTAAACTCCCCTTTTCTCTTTCTCTCTCTAAAAAAATAAC TCCATTGTAGAGAGAGAGAGAGAGAAGAACAACAAAAAATGCCTCCTGCTATGAAGTTTCTCCTCTGCTTTGCCACCGTCTCTGTTTTCTGACCTCTGCTCAGGCCA GAATTCCC GGCGTCTACGCCGGAGGACCCTGGGAAACAGCCCACGCCACCTTCTA CGGCGGAAGCGACGCCTCCGGCACCATGGGTACGTGTACCCACACATTCATTT CCTTTTTCTACTTATTTACTCGAAAAAATCTTCTTATAACTCACCTTCGTACGGTTT TCTTTTTGGGTGTATTCAGGCGGTGCTTGTGGGTACGGAAATCTGTACAGCCAGG

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