

IDENTIFICATION

Species: *Mimulus guttatus*

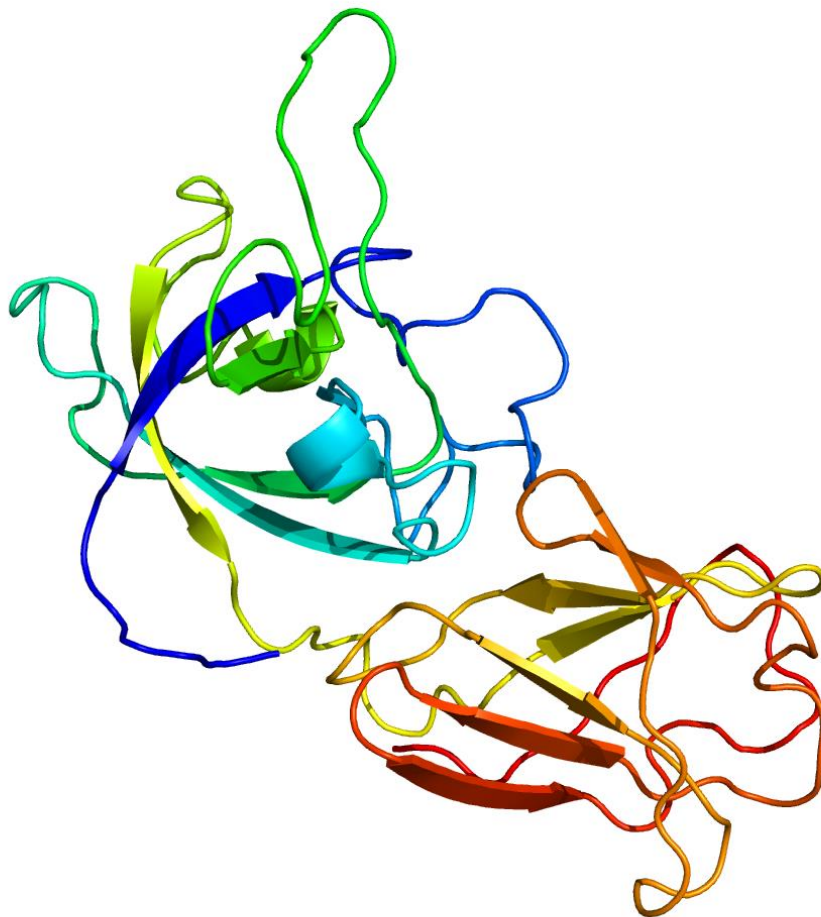
Locus: Migut.L01275

Gene Model: Migut.L01275.1.p

Description: MgEXPA-17

Family: Alpha Expansin

3D structure:



GENOME DATABASES

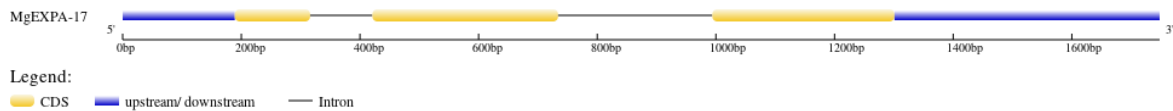
Phytozome: https://phytozome-next.jgi.doe.gov/info/Mguttatus_v2_0

KEGG:-

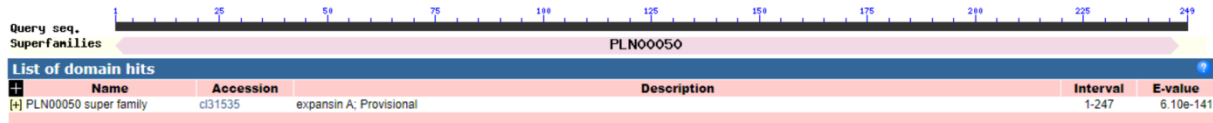
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MgEXPA-17

MAILVFLVLVGLAMASHVNGYGGGWVNAHATFYGGSDASGTMGGACGYGNLYSQ
GYGTNTAALSTALFNGLSCGACYQIRCANERRWCLPGSILVTATNFCPPNNALPNN
AGGWCNPPLHHFDLSQPVFQRIAQYRAGIVPVA YRRVACRRRGGIRFTINGHSYFNL
VLITNVGGAGDVHAVSVKGSRTGWQPM SRNWGQNWQSN SNLNGQSLSFKVTTSDD
RTVVSYNAAPASWNFGQTFAGAQFR*

CDS (coding sequence)

>MgEXPA-17

ATGGCAATTCTAGTGCTTTTCTTGGTTGGTTTTCTTGCAATGGCGTCCCACGTTAA
TGGGTACGGTGGGGGTTGGGTCAATGCACATGCAACCTTCTATGGTGGGAGCGAT
GCCTCTGGA ACTATGGGCGGCGCTTGTGGGTATGGGAACTTGTACAGCCAGGGGT
ACGGTACAAACACAGCAGCGTTGAGTACAGCACTCTTCAACAACGGGCTGAGCT
GCGGCGCCTGCTACCAGATCAGGTGCGCCAACGAGCGGCGGTGGTGTGCTTGCCGG
GCTCCATTCTGGTCACCGCCACCAACTTCTGCCCGCCGAACAACGCCCTCCCGAA
CAACGCCGGCGGGTGGTGAACCCTCCCCTCCACCACTTCGACCTCTCTCAGCCC
GTCTTCCAACGCATTGCTCAGTACCGAGCCGGAATCGTTCCCGTTGCTTACAGAA
GGGTGGCGTGCAGGAGAAGAGGGGGAATAAGGTTACGATCAATGGGCACTCGT
ATTTCAACCTCGTACTCATAACCAACGTCGGCGGGCGCCGGCGACGTGCACGCCGT
CTCCGTCAAGGGTCCCAGGACAGGGTGGCAGCCGATGTCGAGAACTGGGGGCA
GAATTGGCAGAGCAACTCCAACCTCAACGGCCAGAGCCTCTCGTTTAAGGTCACC
ACCAGCGACGGACGCACGGTGGTGTCTACAACGCCGCCCTGCCAGCTGGA ACT
TCGGTCAGACCTTCGCCGGAGCTCAGTTCCGTTGA

Nucleotide

>MgEXPA-17

ATTCTCCTCATTAATTCTCTGTCTACCATTTGCTTCTCTCACTAGAAGTTCCAAAGT
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