

## IDENTIFICATION

**Species:** *Mimulus guttatus*

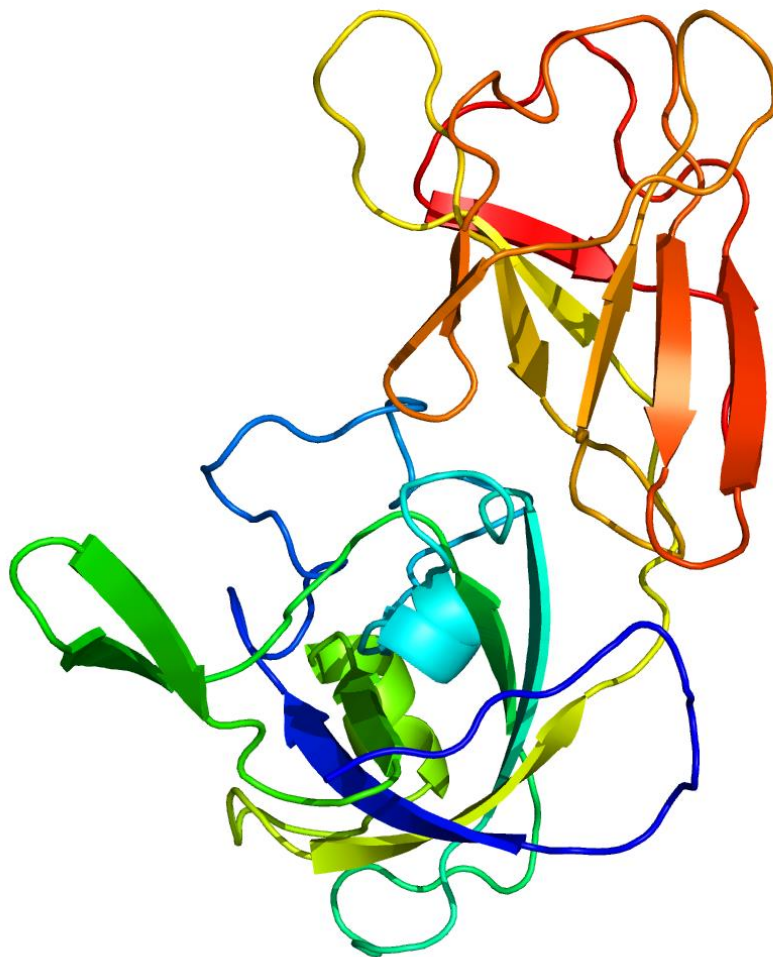
**Locus:** Migut.E01272

**Gene Model:** Migut.E01272.1.p

**Description:** MgEXPA-08

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

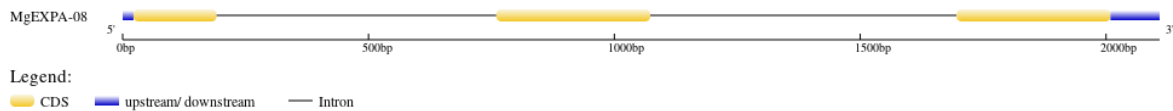
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Mguttatus\\_v2\\_0](https://phytozome-next.jgi.doe.gov/info/Mguttatus_v2_0)

KEGG:-

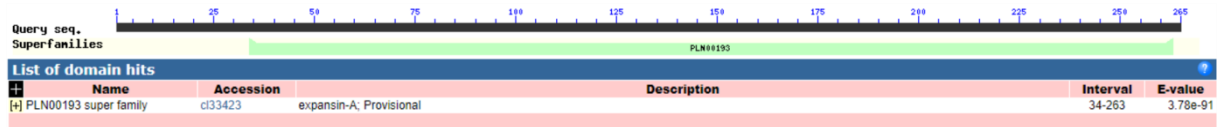
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>MgEXPA-08

MASSLLHSLCLVSFVLVTVVVGTASAAAYAPPGFRASAWELAHATFYGDSGGSANM  
GAACGYGNMISNGYGTNTAALSSVKFSNGYGCGQCFQLQCTNSPLCNRGAMVTITG  
TNLCPPNWAQDSNNGGWCNPPRTHFDMAQPAFTKIAQYKAGIVPVLFRRVACVRS  
GIRFQFQNGYWLLVYVMNVGGSGDVASMWVKGTKTNWISMSHNWGASYQAFAT  
LGGQALSFKITSYTSHETIIAYNVAPANWQVGMTYGASVNFR\*

### CDS (coding sequence)

>MgEXPA-08

ATGGCTTCTTCTTTGCTTCATTCTTTGTGCCTTGTTAGCTTCGTCTTGGTGACGGTG  
GTCGTCGGAACGGCGTCTGCGGCGGCGTATGCTCCGCCGGGATTTAGAGCTAGTG  
CGTGGGAACCTGCCCATGCCACGTTTTACGGCGATAGCGGCGGTTCTGCCAACAT  
GGGTGCGGCATGTGGGTACGGCAACATGATAAGCAACGGTTACGGGACGAATAC  
GGCGGCGTTGAGTTCAGTGAAGTTCAGCAACGGGTACGGTTGCGGGCAGTGCTTC  
CAGCTCCAATGCACAAATTCGCCGCTGTGCAACAGAGGTGCTATGGTCACCATCA  
CAGGCACTAATCTATGCCACCAAATTGGGCACAGGACTCCAACAACGGCGGGT  
GGTGCAACCCGCCCGTACCCATTTGACATGGCCCAGCCCGCTTTCACGAAGAT  
TGCCCAATATAAAGCTGGTATTGTACCCGTCTTGTTCGCGAGAGTAGCATGCGTG  
AGAAGCGGGGGGATCAGATTCCAGTTCAGGGGAACGGGTACTGGCTGCTCGTA  
TACGTAATGAACGTCGGAGGGAGCGGTGACGTGGCGAGCATGTGGGTGAAGGGG  
ACGAAGACAACTGGATAAGCATGAGCCATAACTGGGGAGCTTCTTACCAGGCA  
TTCGCAACCCTAGGTGGACAAGCTCTCTCTTTCAAGATTACTTCTTACACTTCTCA  
TGAAACTATTATTGCTTACAATGTTGCCCTGCCAACTGGCAAGTCGGAATGACT  
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### Nucleotide

>MgEXPA-08

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