

## IDENTIFICATION

**Species:** *Mimulus guttatus*

**Locus:** Migut.D02087

**Gene Model:** Migut.D02087.1.p

**Description:** MgEXPA-05

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

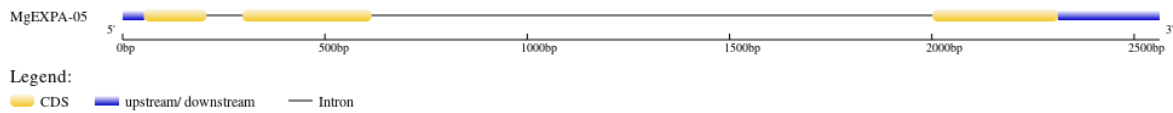
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Mguttatus\\_v2\\_0](https://phytozome-next.jgi.doe.gov/info/Mguttatus_v2_0)

KEGG:-

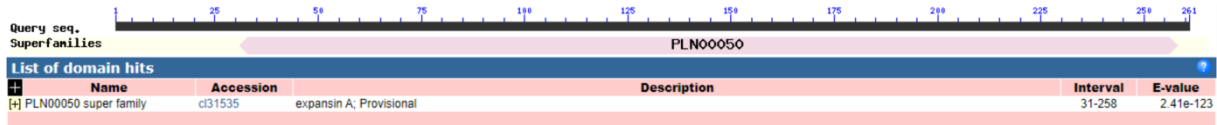
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>MgEXPA-05

MALLAVIACIATIVSVLPPPIEARIPGVYSGGGWQGAHATFYGGSDASGTMGGACGY  
GNLYSQGYGVNTAALSTALFNNGFSCGACFEIKCANEKQWCHAGSPSILVTATNFCP  
PNYALPNDNGGWCNPPRTHFDLAMPFLKIAEYRAGIVPVNFRRVACRKQGGIRFTI  
NGFRYFNLVLVTNVAGAGDIVRLSIKGTRTGWMSMSRNWQONWQSNVVLVGQSL  
FRVTGSDRRTSTSWNIAPANWQFGQTFVGKNFRV\*

### CDS (coding sequence)

>MgEXPA-05

ATGGCTCTCCTCGCTGTAATAGCCTGCATTGCTACAATTGTTTCAGTCCTGCCACC  
ACCAATTGAGGCGAGGATTCCCGGCGTGTACTCCGGCGGTGGCTGGCAGGGCGC  
CCACGCCACCTTCTACGGCGGCAGCGACGCTCCGGCACTATGGGTGGGGCGTGC  
GGGTACGGGAATCTGTACAGCCAGGGTTACGGAGTGAACACGGCGGGCGCTGAGC  
ACGGCGCTGTTCAACAACGGCTTCAGCTGCGGGGCATGCTTCGAGATAAAGTGCG  
CCAACGAGAAGCAGTGGTGCCACGCTGGCAGCCCTTCCATCCTGGTCACGGCCAC  
CAACTTCTGCCCGCCAACTACGCCCTGCCCAACGACAATGGCGGGTGGTGCAAC  
CCGCCCCGTACCCATTTGATCTCGCCATGCCCATGTTCCCTCAAGATCGCCGAGTA  
CCGCGCCGGAATTGTCCCCGTCAACTTCCGCAGGGTGGCATGTAGGAAGCAAGG  
AGGTATAAGGTTACAATAAACGGGTTCCGTTACTTCAACCTGGTTTTGGTAACC  
AACGTCGCGGGTGCAGGGGATATCGTGAGGCTGAGCATAAAAGGTACGAGGACT  
GGTTGGATGAGCATGAGCAGAACTGGGGTCAAACTGGCAGTCAAACCTCTGTT  
CTGGTTGGTCAGTCACTTTCCTTCAGGGTACAGGCAGTGACCGACGCACTTCCA  
CCTCATGGAACATTGCTCCCGCCAATTGGCAATTCGGTCAAACATTTGTTGGAAA  
GAACTTCAGGGTTTGA

### Nucleotide

>MgEXPA-05

CCACCCCTTTCTCTCTCTAACC AAACCCTACTCCCAATTTCTAGTGAGAGAAAATG  
GCTCTCCTCGCTGTAATAGCCTGCATTGCTACAATTGTTTCAGTCCTGCCACCACC  
AATTGAGGCGAGGATTCCCGGCGTGTACTCCGGCGGTGGCTGGCAGGGCGCCCA  
CGCCACCTTCTACGGCGGCAGCGACGCTCCGGCACTATGGGTACTTAATCAGCC  
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