

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

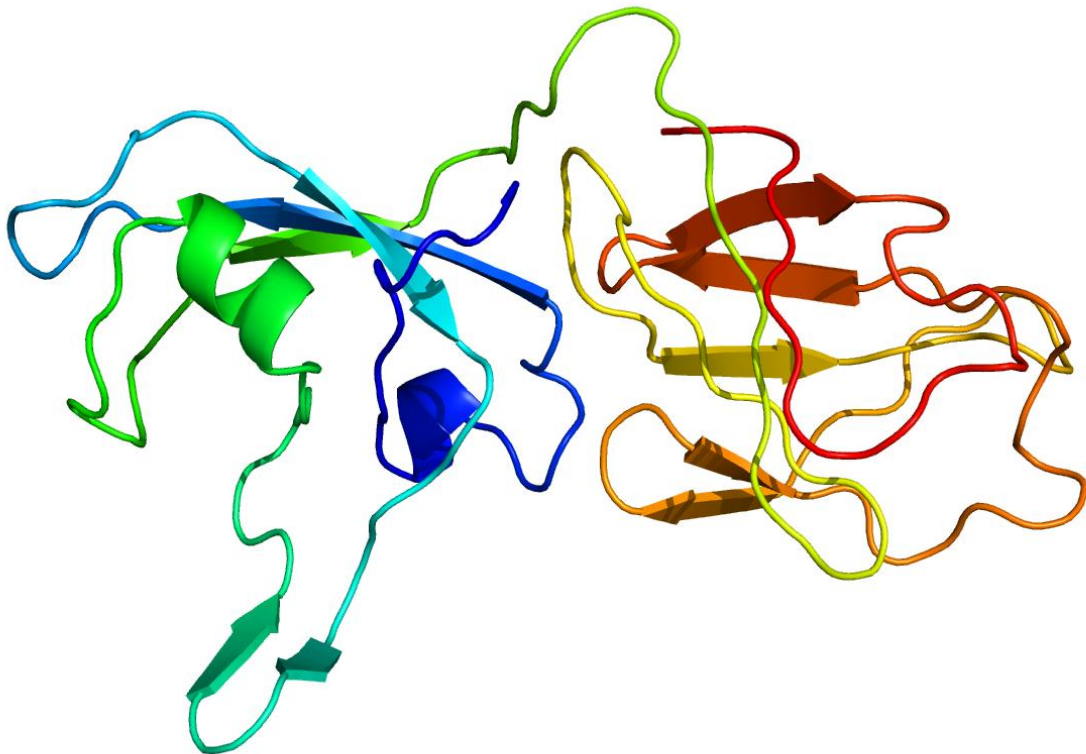
**Locus:** Kalax.0512s0006

**Gene Model:** Kalax.0512s0006.1.p

**Description:** KlEXPA-42

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

Phytozome: [https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1)

KEGG:-

## EXTERNAL RESOURCES

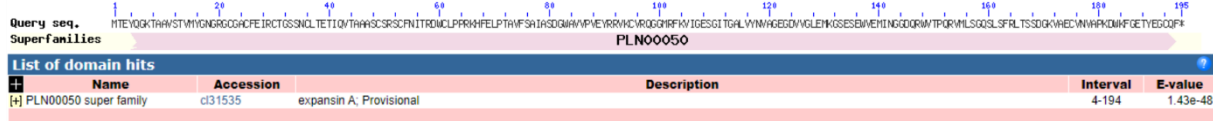
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## GENE STRUCTURE



Legend:  
Exon

## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-42

MTEYQGKTAAVSTV MYGNR GCGACFEIRCTGSSNCLTETIQV TAAASCSRSCFNIT RDWCLPPRKHFELPTAVFS AIASDGWAVVPVEYRRVKCV RQGGMRFKVIGESGITGALVY NVAGEGDVVGLEMKGSESEWVEMINGGDQRWVTPQRVMLSGQSLSFRLTSSD GKVAECVNVAPKDWKFGETYEGCQF\*

### CDS (coding sequence)

>KIEXPA-42

ATGACGGAGTACCAAGGCAAACGGCGGCGGTAAGCACAGTAATGTACGGCAAT GGGCGGGGGTGC GGGCGCGTGCTTCGAAATAAGATGCACCGGCAGCTCAA ACTGCTTGACCGAGACAATCCAAGTCACGGCGGCAGCGTCCTGCAGCCGCAGCTGCTTCA ACATAACGCGGGACTGGTGCCTGCCACCCAGGAAGCACTTCGAGCTTCCC ACTGAGTCTTCTCAGCCATCGCCAGCGACGGCTGGGCGGTGGTGCCAGTGGAGTATCGG CGAGTGAAGTGCGTCAGGCAAGGAGGAATGCGGTTCAAGGTGATAGGAGAGAGC GGCATCACGGGGGCTCTGGTGTACAACGTGGCGGGGAAGGGGACGTGGTGGGG TTGGAGATGAAGGGGAGTGAGAGTGAGTGGGTGGAGATGATCAACGGGGGTGAT CAGCGCTGGGTGACGCCTCAGAGGGTGATGCTGTCTGGACAAAGCCTGTCGTTCC GGCTGACTTCAAGTGATGGTAAGGTGGCGGAGTGTGTGAATGTTGCACCCAAAG ATTGGAAGTTTGGGGAGACTTATGAAGGATGCCAATTCTAG

### Nucleotide

>KIEXPA-42

ATGACGGAGTACCAAGGCAAACGGCGGCGGTAAGCACAGTAATGTACGGCAAT GGGCGGGGGTGC GGGCGCGTGCTTCGAAATAAGATGCACCGGCAGCTCAA ACTGCTTGACCGAGACAATCCAAGTCACGGCGGCAGCGTCCTGCAGCCGCAGCTGCTTCA ACATAACGCGGGACTGGTGCCTGCCACCCAGGAAGCACTTCGAGCTTCCC ACTGAGTCTTCTCAGCCATCGCCAGCGACGGCTGGGCGGTGGTGCCAGTGGAGTATCGG CGAGTGAAGTGCGTCAGGCAAGGAGGAATGCGGTTCAAGGTGATAGGAGAGAGC GGCATCACGGGGGCTCTGGTGTACAACGTGGCGGGGAAGGGGACGTGGTGGGG TTGGAGATGAAGGGGAGTGAGAGTGAGTGGGTGGAGATGATCAACGGGGGTGAT CAGCGCTGGGTGACGCCTCAGAGGGTGATGCTGTCTGGACAAAGCCTGTCGTTCC

GGCTGACTTCAAGTGATGGTAAGGTGGCGGAGTGTGTGAATGTTGCACCCAAAG  
ATTGGAAGTTTGGGGAGACTTATGAAGGATGCCAATTCTAG