

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

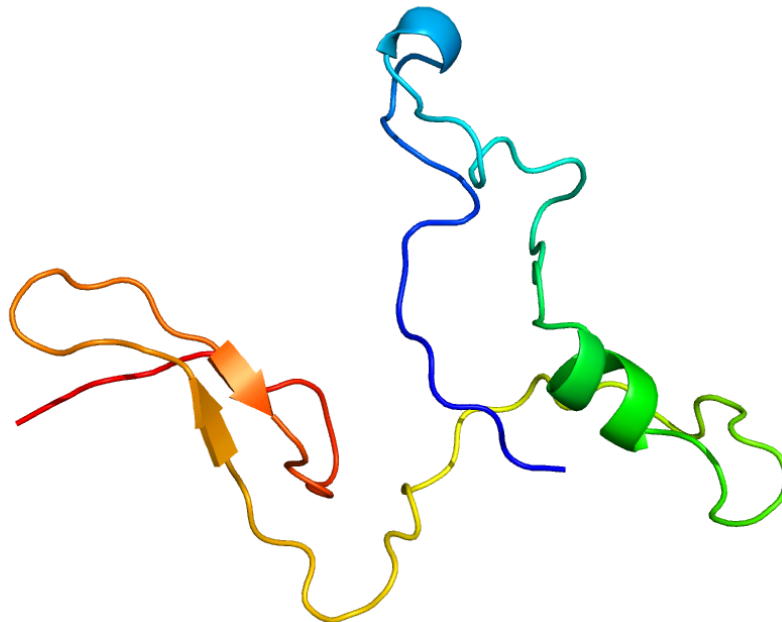
**Locus:** Kalax.0256s0007

**Gene Model:** Kalax.0256s0007.1.p

**Description:** KlEXPA-31

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

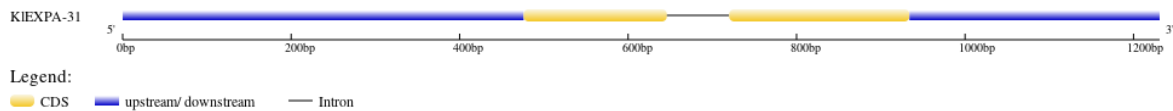
Phytozome: [https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1)

KEGG:-

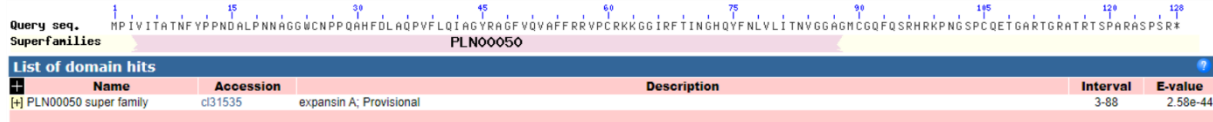
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-31

MPIVITATNFYPPNDALPNNAGGWCNPPQAHFDLAQPVFLQIAGYRAGFVQVAFFRR  
VPCRKKGIRFTINGHQYFNLVLITNVGGAGMCGQFQSRHRKPNGSPCQETGARTGR  
ATRTSPARASPSR\*

### CDS (coding sequence)

>KIEXPA-31

ATGCCCATCGTGATCACCGCCACTAATTTCTACCCTCCCAACGATGCCTTGCCTAA  
CAATGCCGGAGGCTGGTGTAAATCCGCCTCAAGCGCACTTTGATCTCGCTCAGCCA  
GTGTTCTTACAGATAGCCGGATACAGGGCCGGTTTTGTCCAAGTGGCCTTCTTCA  
GAAGGGTTCCATGCCGCAAGAAAGGAGGAATCAGATTCACAATCAACGGCCACC  
AGTACTTCAACCTAGTTCTAATAACCAACGTTGGCGGCGCTGGGATGTGCGGTCA  
GTTTCAGTCAAGGCATCGAAAACCAATGGCAGCCCATGTCAAGAACTGGGGC  
CCGAAGTGGCAGAGCAACTCGGACTTCACCGGCCAGAGCCTCTCCTTCAAGATGA

### Nucleotide

>KIEXPA-31

CCGTCTCTGTTGTTTTTGGTGGGTGTGGTTGTTTTTGAAGCTCAACTGTTTCGATGA  
CATGCCTCAATGAATCTGTAACAACCTGCGTTTATTTTTCTCAAGGGTTTTGTTTTA  
CAGGAAAAAATGGGGTTTGGTGGTTCTTCTTGGTGTGGTTTCTCAGCTCGAGTG  
CGTTTGTGAATGGATACGTTGAGGGCTGGAGTGATGCTCATGCCACATTCTACGG  
AGGTTGTGATGCTTCTGGCACAATGGGTGAGTCTCAATTCAGCCAATTGTTACA  
ATATCGCTCAACTTGCAGAGGTGTAATTATTTGCTGAAAGTCTTTTTCTTTTCAAAT  
TTGAGCTCAGACGGAAATTGTGGGTATGACAATCTTACAGCCAAGACTACGGGA  
CGAACACTGCAGCTTTGGGCACCACTCTTTTCGACAATGGATTGAGTTGCAGTGC  
ATGTTTTGAGCTCAAATCCGTGGATAACAACAAATGCCCATCGTGATCACCGCCA  
CTAATTTCTACCCTCCCAACGATGCCTTGCCTAACAATGCCGGAGGCTGGTGTAA  
TCCGCCTCAAGCGCACTTTGATCTCGCTCAGCCAGTGTCTTACAGATAGCCGGAT  
ACAGGGCCGGTTTTGTCCAAGTGGCCTTCTTCAGAAGGTAACAAAAAAGCTCAA  
TAAATAGCAGCTCATCTTTTCTGTTACATTTTGATTTTTTGGAAATTGTTGTGTAGG  
GTTCCATGCCGCAAGAAAGGAGGAATCAGATTCACAATCAACGGCCACCAGTAC

TTCAACCTAGTTCTAATAACCAACGTTGGCGGCCTGGGATGTGCGGTCAGTTTC  
AGTCAAGGCATCGAAAACCAAATGGCAGCCCATGTCAAGAACTGGGGCCCGAA  
CTGGCAGAGCAACTCGGACTTCACCGGCCAGAGCCTCTCCTTCAAGATGACCCCC  
CGGTGACGGTGGTAGGCTCACCTGCAACAGTGTGGTCCCTGCTGGTTGGTAGTTC  
GGGCAAACATTTTCAGGCCTTCAGTTCCCACGAACCTGAGCTGCACCACCGTCTA  
TAAACCAGTAGTTTTTATTTTAGTTGGGAAGATTTGGGTCATGAAAAATGGTTGG  
GGGCTCCATCTTTTTGACATGTTCCCTCCATCAGTTTCCAGGTATTATTCTTGTCATT  
GTATCTATGGTCTGGTCTGAGAATTTATATCAGACAAGTCAGATGTTGGAATGTG  
GTGGGTCTCTGTGGG