

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

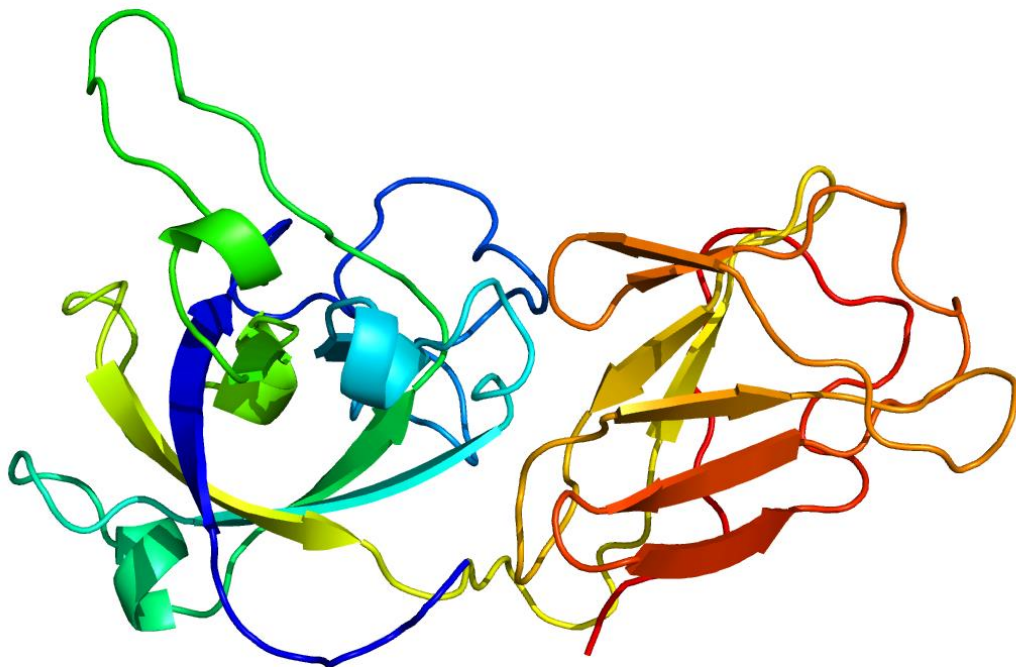
**Locus:** Kalax.0920s0003

**Gene Model:** Kalax.0920s0003.1.p

**Description:** KlEXPA-51

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

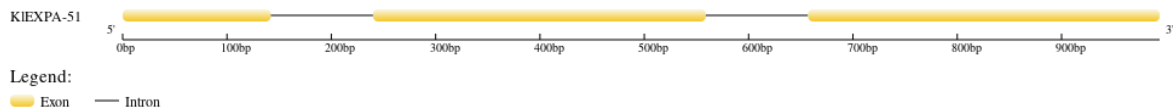
Phytozome: [https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1)

KEGG:-

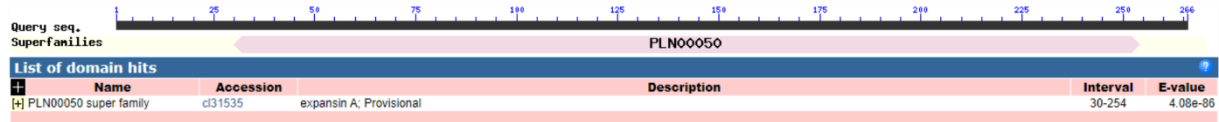
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-51

MGVLHPLRATLVCLALIQTSCEVAEDTPEWDTATATYSNQTDTTSIVTEGACGYGDLS  
EATYGKYSAGVSSVLFKGRTCGACFEVRCVDHILWCLQGPSVTLTTTDFCPPNFG  
LASDYGGWCNSPNRHFHMSKAAFGEIAEMKADIVPVQFRRVKCERKGGMRFTVTGS  
SGFYQVLITNVGLDGEVVAVKVKGSRTGWIPMARNWQNWHSNINLTGQPLSFEVT  
SSSGRTATSYNVAPPNWQFGQTFEGRQFHGVKDSNNIAR\*

### CDS (coding sequence)

>KIEXPA-51

ATGGGAGTGCTTCATCCCCTCCGAGCCACACTTGTCTGCCTGGCTTTGATCCAGAC  
TTCTTGTGAGGTTGCAGAAGATACTCCAGAATGGGATACTGCCACTGCAACCTAT  
TCCAACCAAACAGACACCTCCATCGTCACTGAGGGTGCTTGTGGATATGGAGATC  
TTCCGAGGCCACATATGGTAAGTACAGTGCTGGAGTGAGCAGCGTGTTGTTCCGG  
CAAGGGGAGGACCTGTGGGGCTTGTGTTTGGAGGTCAGATGTGTTGATCATATCCTC  
TGGTGCTTGCAAGGCAGCCCCTCTGTGACACTCACCACCACGGATTTCTGCCCGC  
CTAATTTCCGGGCTGGCATCTGACTATGGCGGCTGGTGCAACTCTCCTAACCGGCA  
TTTTCATATGTCAAAGCTGCATTTGGGGAGATTGCAGAGATGAAAGCTGATATA  
GTCCCTGTGCAATTCAGAAGGGTGAAATGTGAAAGAAAAGGTGGGATGAGATTC  
ACTGTGACAGGAAGTTCAGGCTTCTATCAGGTGCTGATCACCAATGTAGGGCTAG  
ATGGTGAAGTTGTTGCCGTAAGAGTGAAGGGATCAAGAAGTGGGTGGATACCAA  
TGGCGAGAACTGGGGACAGAACTGGCACTCCAATATCAACCTTACTGGGCAGC  
CGTTGTCATTTGAGGTTACAAGCAGCAGTGGACGAACAGCGACATCCTACAATGT  
TGCTCCTCCCAACTGGCAGTTTGGTCAGACATTTGAAGGCAGGCAATTCATGGT  
GTCAAAGACTCCAACAACATAGCAAGATAA

### Nucleotide

>KIEXPA-51

ATGGGAGTGCTTCATCCCCTCCGAGCCACACTTGTCTGCCTGGCTTTGATCCAGAC  
TTCTTGTGAGGTTGCAGAAGATACTCCAGAATGGGATACTGCCACTGCAACCTAT  
TCCAACCAAACAGACACCTCCATCGTCACTGGTATGTAAATGACTGCATCTTTAA  
AACTGTAGGAATAACTAATGCGAGTCAGTTCTGGTTTCAATGAGTGAGTTGATAA  
TGAGTATGTCTGCCGCCAGAGGGTGCTTGTGGATATGGAGATCTTCCGAGGCCA

CATATGGTAAGTACAGTGCTGGAGTGAGCAGCGTGTTGTTTCGGCAAGGGGAGGA  
CCTGTGGGGCTTGTGTTTGGAGGTCAGATGTGTTGATCATATCCTCTGGTGCTTGCAA  
GGCAGCCCCTCTGTGACACTCACCACCACGGATTTCTGCCCGCCTAATTTCTGGGCT  
GGCATCTGACTATGGCGGCTGGTGCAACTCTCCTAACCGGCATTTTCATATGTCA  
AAAGCTGCATTTGGGGAGATTGCAGAGATGAAAGCTGATATAGTCCCTGTGCAAT  
TCAGAAGGTGTGTATGAGCTATGAAGTATGAATATGTGAAAGAATGCGGAAAGT  
TCAGTTGTAAACCTGTTCCCTGCATTAGGGTGATACTTTGTTCTGTGTGCAGGGTGA  
AATGTGAAAGAAAAGGTGGGATGAGATTCACTGTGACAGGAAGTTCAGGCTTCT  
ATCAGGTGCTGATCACCAATGTAGGGCTAGATGGTGAAGTTGTTGCCGTAAGT  
GAAGGGATCAAGAACTGGGTGGATACCAATGGCGAGAACTGGGGACAGAACTG  
GCACTCCAATATCAACCTTACTGGGCAGCCGTTGTCATTTGAGGTTACAAGCAGC  
AGTGGACGAACAGCGACATCCTACAATGTTGCTCCTCCCAACTGGCAGTTTGGTC  
AGACATTTGAAGGCAGGCAATTCCATGGTGTCAAAGACTCCAACAACATAGCAA  
GATAA