

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

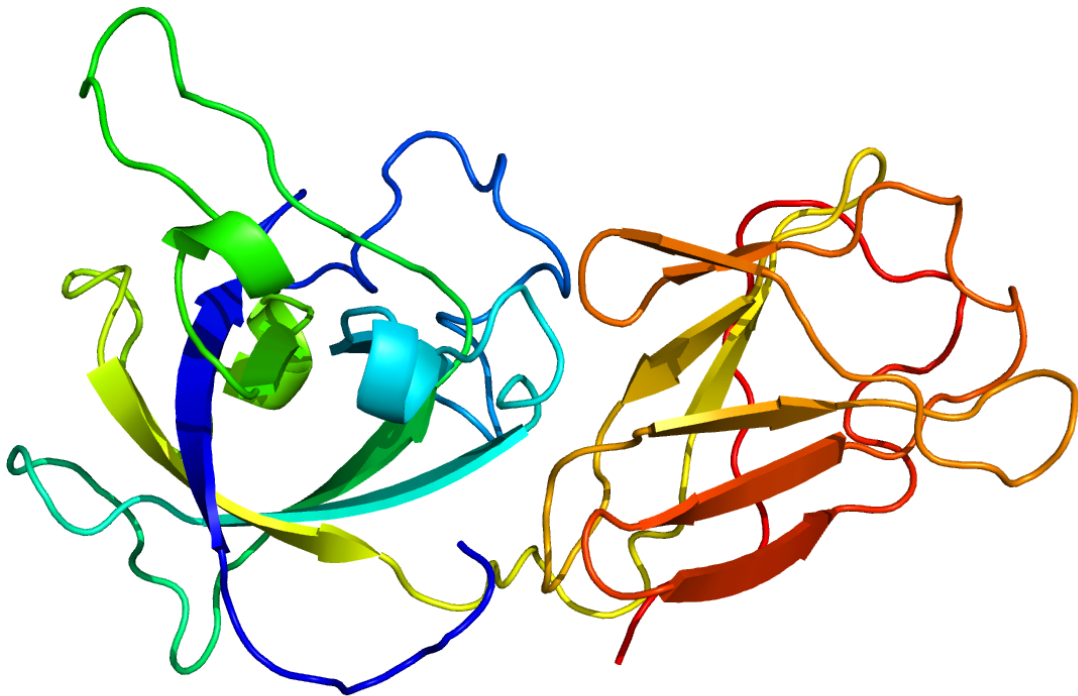
**Locus:** Kalax.0050s0025

**Gene Model:** Kalax.0050s0025.1.p

**Description:** KlEXPA-17

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

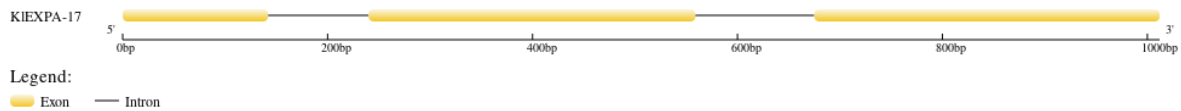
Phytozome: [https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1)

KEGG:-

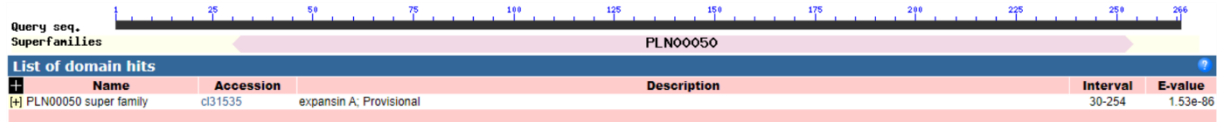
## EXTERNAL RESOURCES

-

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-17

MGVLHLLRATLVCLALIQTSCEVAEDTPKWNTATASYSNQTDTISIVTEGACGYGDLPEATYGKYSAGVSSVLFQKGMTCGACFEVRCVDHILWCLQGPSVTLTTDFCPPNFGLASDYGGWCNSPNRHFHMSKAAFGEIAEMKADIVPVQFRRVKCERKGGMRFTVTGSSGFYQVLITNVGLDGEVVAVKVKGSKTGWITMARNWQNWHSNINLTGQPLSFEVTSSSGRTETSYNVAPPNWQFGQTFEGRQFHGVKDSDNIAI\*

### CDS (coding sequence)

>KIEXPA-17

ATGGGAGTGCTTCATCTCCTCCGAGCCACACTTGTCTGCCTGGCTTTGATCCAGAC  
TTCGTGTGAGGTTGCAGAAGATACTCCAAAATGGAATACTGCCACTGCCTCCTAT  
TCCAACCAAACAGACACCTCCATTGTCACTGAGGGTGCTTGTGGATATGGAGATC  
TTCCCGAGGCCACATATGGTAAGTACAGTGCTGGAGTGAGCAGCGTGTGTTTCGG  
CAAGGGGATGACCTGTGGGGCTTGTGTTTGGAGGTCAGATGTGTTGATCATATCCTC  
TGGTGCTTGCAAGGCAGCCCCTCTGTGACACTCACCACCACGGATTTCTGCCCGC  
CTAATTTTCGGGCTGGCATCTGACTATGGCGGCTGGTGTAACTCTCCTAACCGGCA  
TTTTCATATGTCAAAGCTGCATTTGGGGAGATTGCAGAGATGAAAGCTGATATA  
GTCCCTGTGCAATTCAGGAGGGTGAAATGTGAAAGAAAAGGTGGGATGAGATTC  
ACTGTGACAGGAAGTTCAGGCTTCTATCAAGTGCTGATCACCAATGTAGGGCTAG  
ATGGTGAAGTTGTTGCCGTAAAAGTGAAGGGATCAAAAACCTGGGTGGATAACAA  
TGGCGAGAAACTGGGGACAGAACTGGCACTCCAATATCAACCTTACTGGGCAGC  
CGTTGTCATTTGAGGTTACAAGCAGCAGTGGACGAACAGAGACATCCTACAATGT  
TGCTCCTCCCAACTGGCAGTTTGGTCAGACATTTGAAGGCAGGCAATTCATGGT  
GTCAAAGACTCCGACAACATAGCAAGATAA

### Nucleotide

>KIEXPA-17

ATGGGAGTGCTTCATCTCCTCCGAGCCACACTTGTCTGCCTGGCTTTGATCCAGAC  
TTCGTGTGAGGTTGCAGAAGATACTCCAAAATGGAATACTGCCACTGCCTCCTAT  
TCCAACCAAACAGACACCTCCATTGTCACTGGTATGTAAATGACTGCATCTTTAA  
AACTGTAGGAATAAATAATGCGAGTCAGTTCTGGTTTAAATGAGTGAGTTGATAA  
TGAGTATGTCTGCCGCCAGAGGGTGCTTGTGGATATGGAGATCTTCCCGAGGCCA

CATATGGTAAGTACAGTGCTGGAGTGAGCAGCGTGTTGTTTCGGCAAGGGGATGA  
CCTGTGGGGCTTGTTTTGAGGTCAGATGTGTTGATCATATCCTCTGGTGCTTGCAA  
GGCAGCCCCTCTGTGACACTCACCACCACGGATTTCTGCCCGCCTAATTTCTGGGCT  
GGCATCTGACTATGGCGGCTGGTGTAACCTCCTAACCGGCATTTTCATATGTCAA  
AAGCTGCATTTGGGGAGATTGCAGAGATGAAAGCTGATATAGTCCCTGTGCAATT  
CAGGAGGTGTGTATGAGCTATGAAGTATGAATATGTGAAAGAATGCGGAAAGTT  
CAGTTGTAAACACCAGAGGATACTTTGTTCCCTGTTCCCTGCATTAGGTGATACTTTG  
TTCTGTGTGCAGGGTGAAATGTGAAAGAAAAGGTGGGATGAGATTCACTGTGAC  
AGGAAGTTCAGGCTTCTATCAAGTGCTGATCACCAATGTAGGGCTAGATGGTGAA  
GTTGTTGCCGTAAAAGTGAAGGGATCAAAAACCTGGGTGGATAACAATGGCGAGA  
AACTGGGGACAGAACTGGCACTCCAATATCAACCTTACTGGGCAGCCGTTGTCAT  
TTGAGGTTACAAGCAGCAGTGGACGAACAGAGACATCCTACAATGTTGCTCCTCC  
CAACTGGCAGTTTGGTCAGACATTTGAAGGCAGGCAATTCATGGTGTCAAAGAC  
TCGACAACATAGCAAGATAA