

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

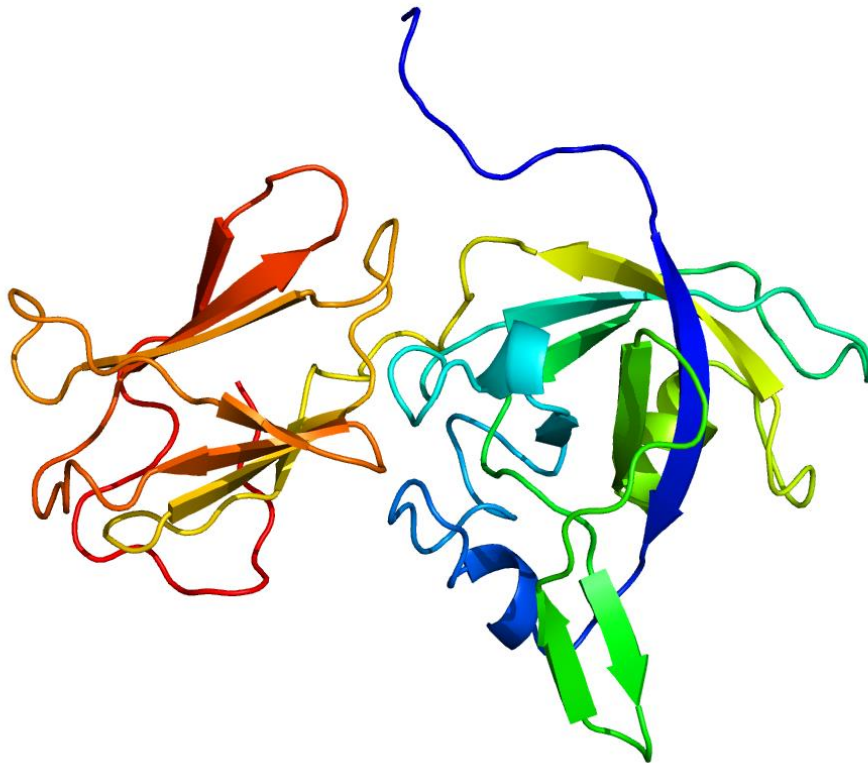
**Locus:** Kalax.0047s0014

**Gene Model:** Kalax.0047s0014.1.p

**Description:** KlEXPA-15

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

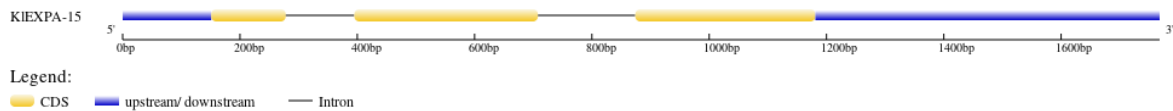
Phytozome: [https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1)

KEGG:-

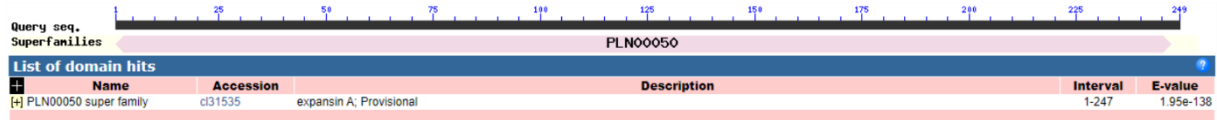
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-15

MGIVGLV FVGLVCLSSVAGGYGGGW NDAHATFYGGDASGTMGGACGYGNLYSQ  
GYGTNTAALSTSMFNGLSCGACFEIKCMNDNKWCIGGSIVVTATNF CPPNNALPNN  
AGGWCNPPQH HFDLSQPVFQHIAHYRAGIVPVSYRRVPCQRKGGIRFTISGHSYFNLV  
LITNVGGAGDVQSVSIKGSRTNWEPM SRNWGQNWQSSALLNGQALSFKVTTSDGHT  
VTSY NVAPPNWSFGQTFAGQQFP\*

### CDS (coding sequence)

>KIEXPA-15

ATGGGTATTGTGGGGCTCGTGTTTGTGGGATTGGTGTGCTTGAGCTCGGTTGCAG  
GTGGGTATGGTGGAGGATGGAATGACGCTCACGCCACCTTCTACGGCGGCGGCG  
ATGCTTCTGGCACAATGGGTGGTGCATGTGGGTATGGAACTTGTACAGCCAGGG  
ATACGGTACTAACACCGCTGCTCTGAGCACTTCTATGTTCAACAATGGCCTGAGC  
TGCGGAGCTTGT TTTGAGATCAAGTGTATGAATGACAACA AATGGTGCATTGGAG  
GGTCTATTGTGGTCACCGCCACTA ACTTCTGCCCTCCAAACAACGCTCTCCCAAAT  
AATGCCGGAGGCTGGTGCAACCCTCCTCAGCATCACTTCGACCTCTCCCAGCCTG  
TGTTTCAACACATTGCTCACTACAGAGCTGGAATTGTACCCGTCTCCTACAGAAG  
GGTACCCTGCCAGAGAAAAGGAGGGATAAGGTTCACTATCAGCGGCCACTCCTA  
CTTCAACCTCGTTCTAATAACGAATGTTGGAGGAGCAGGAGATGTCCAATCTGTT  
TCCATCAAGGGCTCGAGGACTA ACTGGGAACCCATGTTCGAGAACTGGGGCCAA  
AACTGGCAAAGCAGCGCCCTCCTCAACGGCCAGGCTCTCTTTCAAGGTCACTA  
CCAGCGACGGCCACACTGTCACCTCCTACAACGTCGCTCCACCGAATTGGTCCTT  
CGGCCAGACCTTCGCTGGCCAACAGTTTCCATAA

### Nucleotide

>KIEXPA-15

CCCAGCTGCAGTATCATTTTACAGTTACCGGTCAAGAAAGTGATCTGCGACGTGA  
GAGGTAGGTTGGGGGGTTTTCTGAGGGTACCAAGTGCTTGTGAAATGCTTGT  
CGGTTTTAGTGCTGAAAGCTTGCATTTTCGTGCAGGAAACATGGGTATTGTGGG  
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