

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

**Locus:** Kalax.0056s0124

**Gene Model:** Kalax.0056s0124.1.p

**Description:** KlEXPA-18

**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:-

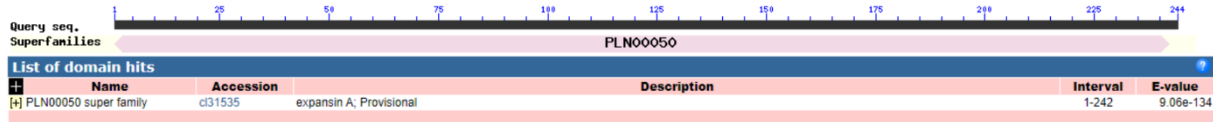
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-18

MGFVGFLLVCFLSLGAFVDGYGGGWSDAHATFYGGGDASGTMGGACGYGNLYSQ  
GYGTDTAALSTALFNGLSCGACFELKCVNDDQWCRPGSIVVTATNFCPPNSLGGW  
CDPPRQHFDLSQPVFLQIAAYKAGVVPVAFRRVPCRKRGGIRFTINGHRYFNLVLITN  
VGGAGDVQSVSVKGSRTNWQAMSRNWGQNWQSNSDLNGQSLSFKVTTS DG YTVT  
CHNVASSGWQFGQTFSGLQFP\*

### CDS (coding sequence)

>KIEXPA-18

ATGGGGTTTGTGGGGTTCCTCTTGGTGTGTTTTCTCAGCTTGGGTGCGTTCGTGGA  
TGGGTATGGCGGCGGCTGGAGTGACGCTCATGCTACGTTCTACGGCGGGGGTGAT  
GCTTCAGGCACAATGGGCGGTGCTTGTGGGTATGGCAATCTGTACAGCCAAGGCT  
ACGGGACTGACACTGCAGCTTTGAGCACTGCTCTTTTCAACAACGGATTGAGCTG  
TGGAGCGTGTTTTGTAGCTCAAATGTGTGAATGACGACCAATGGTGCCGCCCTGGT  
TCCATCGTGGTCACGGCCACCAACTTCTGCCCGCCCAACAGTCTTGGAGGCTGGT  
GTGACCCTCCCCGCCAGCACTTTGATCTCTCTCAGCCGGTGTTTTTACAAATCGCG  
GCGTACAAAGCTGGAGTCGTCCTGTGGCCTTCAGAAGGGTTCATGCCGCAAGA  
GAGGGGGAATCAGATTCACAATCAACGGCCACCGGTACTTCAACCTGGTCCTTAT  
AACCAATGTTGGCGGCGCGGGGACGTGCAGTCAGTTTCAGTCAAAGGATCAAG  
AACCAACTGGCAGGCCATGTCAAGAACTGGGGTCAGA ACTGGCAGAGCAACTC  
GGACCTCAATGGCCAGAGCCTCTCCTTCAAGGTGACCACCAGTGACGGCTACACT  
GTCACCTGCCACAATGTGCTTCTTCAGGGTGGCAATTTGGCCAAACCTTTTCAGG  
CCTTCAGTTCATGA

### Nucleotide

>KIEXPA-18

TGTCAATACTTGAATACTTCCGCCTCGGTTGTTTTCTGTGTGCTTGATGTTGCT  
GGCTGGCTATATATTAGCCCATCATTCCGCCATTCGTTTCTCATCGCTGCTTGCTT  
CTGCGTGTTTGAGCGGGTTTGGTATGTGTGTTTCTTTGTGAAGCTCAGCTGTTTTG  
ATGAAATGCCGCAACGAGCTTGTGATGGTGACATTTGGTTTCTTTCTGGCTTTTGC  
TGTGCAGGGAGAGATGGGGTTTGTGGGGTTCCTCTTGGTGTGTTTTCTCAGCTTGG  
GTGCGTTCGTGGATGGGTATGGCGGCGGCTGGAGTGACGCTCATGCTACGTTCTA

CGGCGGGGGTGATGCTTCAGGCACAATGGGTGAGCACCGGGCTCAGTTTCATACA  
TGCCCATGTGCTAGATTACTTGCTTGTAGAATTGTCGCTGAAAGTTTTGTTCTTTT  
GGATTTTGAGCTCAGGCGGTGCTTGTGGGTATGGCAATCTGTACAGCCAAGGCTA  
CGGGACTGACACTGCAGCTTTGAGCACTGCTCTTTTCAACAACGGATTGAGCTGT  
GGAGCGTGTTTTGAGCTCAAATGTGTGAATGACGACCAATGGTGCCGCCCTGGTT  
CCATCGTGGTCACGGCCACCAACTTCTGCCCGCCAACAGTCTTGGAGGCTGGTG  
TGACCCTCCCCGCCAGCACTTTGATCTCTCTCAGCCGGTGTTTTTACAAATCGCGG  
CGTACAAAGCTGGAGTCGTCCCTGTGGCCTTCAGAAGGTAACAAACACATTGCAG  
CTCCAATCTTGAGTAACTAGATTTTCAGTATCATCAAATAATGCATTGAAATTTTT  
GCGGATTGTTATATAGGGTTCCATGCCGCAAGAGAGGGGGGAATCAGATTCACAAT  
CAACGGCCACCGGTA CTTCAACCTGGTCCTTATAACCAATGTTGGCGGCGCGGGG  
GACGTGCAGTCAGTTTCAGTCAAAGGATCAAGAACCAACTGGCAGGCCATGTCA  
AGAAACTGGGGTCAGAACTGGCAGAGCAACTCGGACCTCAATGGCCAGAGCCTC  
TCCTTCAAGGTGACCACCAGTGACGGCTACACTGTCACCTGCCACAATGTCGCTT  
CTTCAGGGTGGCAATTTGGCCAAACCTTTTCAGGCCTTCAGTTCCCATGA