

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

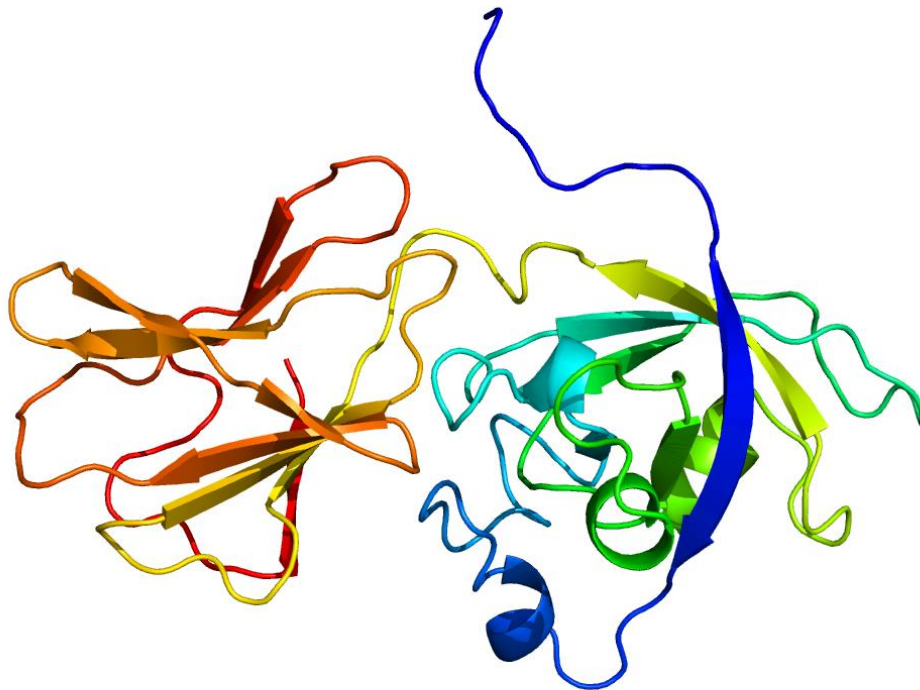
**Locus:** Kalax.0520s0010

**Gene Model:** Kalax.0520s0010.1.p

**Description:** KlEXPA-43

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

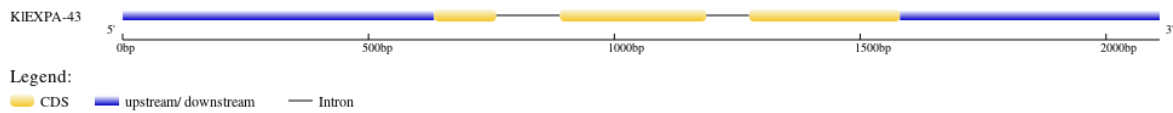
Phytozome: [https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1)

KEGG:-

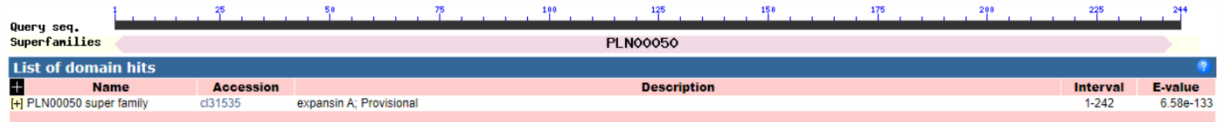
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-43

MGFAGFFLVWFLSLGALVSGYGEGWSDAHATFYGGGDASGTMGGACGYGNLYSQ  
GYGTDTAALSTALFNGLSCGACFELKCMNDNQWCRPGSIVVTATNFCPPNSLGGW  
CDPPRQHFDLSQPVFLQIAAYKAGVVPVAYRRVPCRKKGGIRFTVNGHRYFNLVLIT  
NVGGAGDVQSVSVKGSRTDWQPMSRNWQNWQNSDLNGQSLSFKVTTSDGRTVT  
CNNVASNGWQFGQTFSGLQFP\*

### CDS (coding sequence)

>KIEXPA-43

ATGGGGTTTGCTGGGTTCTTCTTGGTGTGGTTTCTCAGCCTGGGTGCGTTGGTGAG  
TGGGTACGGCGAGGGCTGGAGCGATGCTCATGCTACATTCTACGGAGGCGGTGAT  
GCTTCTGGCACAATGGGCGGCGCCTGTGGGTATGGCAATCTGTACAGCCAAGGCT  
ACGGGACTGACACTGCGGCTTTGAGCACTGCTCTTTTCAACAATGGATTGAGCTG  
TGGTGCAATGTTTTGAGCTCAAATGCATGAATGACAACCAATGGTGCCGCCCTGGT  
TCTATTGTGGTCACTGCCACTAACTTCTGCCCCGCCAACAGTCTTGGAGGCTGGTG  
TGATCCTCCTCGCCAGCACTTTGATCTTCCCAGCCAGTGTTTTTACAAATAGCTG  
CCTACAAAGCCGGTGTTGTCCCGGTGGCGTACAGGAGGGTTCCCTGCCGCAAGAA  
AGGAGGTATCAGATTCACAGTCAACGGCCACCGGTA CTTCAACCTGGTGCTGATA  
ACCAACGTTGGCGGCGCAGGGGACGTGCAGTCAGTTTCAGTCAAAGGATCAAGA  
ACCGACTGGCAGCCCATGTCAAGAACTGGGGCCAGAACTGGCAAAGCAACTCA  
GATCTCAATGGCCAGAGCCTCTCCTTCAAGGTGACCACCAGTGACGGCCGCACCG  
TCACCTGCAACAATGTCGCTTCTAATGGCTGGCAATTCGGCCAAACCTTTTCAGG  
ACTTCAATTTCCATGA

### Nucleotide

>KIEXPA-43

CAATTTTCTTTCTCTCATATTTTTTTTTTCTCTCTTTTTCCCTTAACCAAACACAGTC  
TAATTGAATCCTCAAAAACAACAAATTTTCGTACGATTTATTCTGTAACATGAAATT  
TAGATTTTCCTTCAAATTGCGATGAGCGTTGCGACGAACAGTTTTTAGGCAGGGC  
AACAATGTCGTTGCTAAAAATGTGTGACGACGTCAGCATCCCCGAGCGTAACGAA  
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ACATGCCCGAGTGGCTATATGTTGAAAGTCTTGTCTTTTGAATTTTGAGCTCAGG  
CGGCGCCTGTGGGTATGGCAATCTGTACAGCCAAGGCTACGGGACTGACACTGCG  
GCTTTGAGCACTGCTCTTTTCAACAATGGATTGAGCTGTGGTGCATGTTTTGAGCT  
CAAATGCATGAATGACAACCAATGGTGCCGCCCTGGTTCTATTGTGGTCACTGCC  
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ACTTTGATCTTTCCAGCCAGTGTTTTTTACAAATAGCTGCCTACAAAGCCGGTGT  
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CTTGTGTAGCTTCATCTAGCCATGCATTGAACTTATGATGATCTTTGTGTAGGGT  
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ATGAATCGAAATGTTATTAGAATTATGACCTGTGGTGTGCTCCATCTTATGGGCC  
GTATTGCTGAGAGTTGCTTGTGTCATATATTCTTCATGATGTTGCTCAAATCCTTTCT  
CGTATGCTCATCTCGTGGTACATGAGTTTTTGACAGTGTTTACGGACCCAGACTC