

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

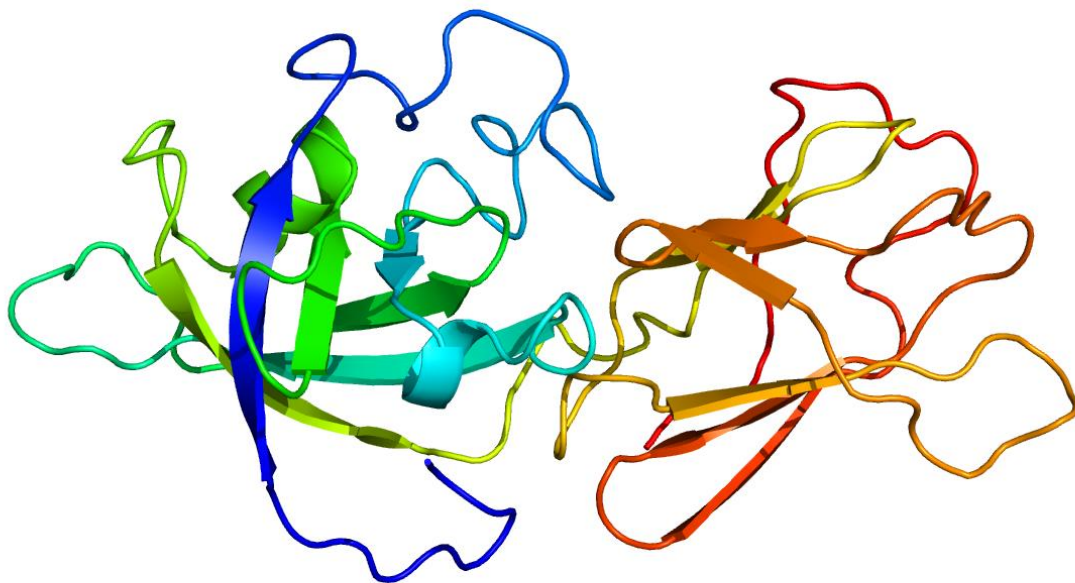
**Locus:** Kalax.0311s0049

**Gene Model:** Kalax.0311s0049.1.p

**Description:** KlEXPA-36

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

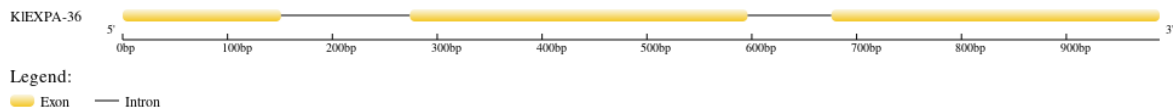
Phytozome: [https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1)

KEGG:-

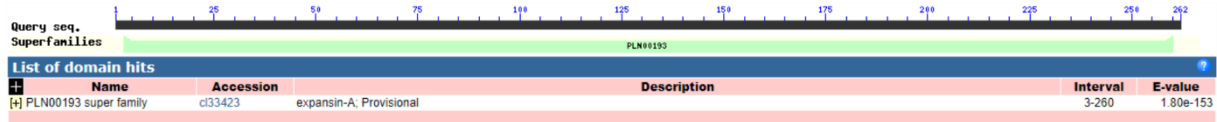
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-36

MASASIALAMVYLATLTFAMRSFLTVNGFTASAWTTGHATFYGGSDASGTMGGACG  
YGNLYSTGYGTRTAALSTALFNDGASCGQCFKIICDYKNDPKWCRKGYSVTITATNF  
CPPNYAQANDDGGWCNPPLKHFDMAQPAWEKIGIYSGGIPIIYQRVPCKKHGGVRF  
TINGRDYFELVLITNMGGSGAIKSISVKGSKANTWSAMSRNWGANWQSNLYLNGQT  
LSFQVTTDDGVTKIFSNIVPSGWTFGQTFSSSLQFS\*

### CDS (coding sequence)

>KIEXPA-36

ATGGCATCCGCAAGCATTGCGTTGGCAATGGTTTACTTGGCTACTCTATTCGCTAT  
GCGCTCTTTCCTTACTGTCAATGGCTTCACAGCTTCCGCCTGGACTACAGGCCACG  
CCACGTTTTATGGAGGCAGTGATGCTTCTGGAACAATGGGCGGCGCTTGTGGATA  
CGGGAACCTTGTACTCGACCGGCTATGGGACAAGGACAGCAGCTCTGAGCACAGC  
ATTGTTCAATGATGGAGCTTCATGTGGCCAATGCTTCAAGATCATCTGTGACTAC  
AAAAATGACCCTAAGTGGTGCCGGAAGGCTACTCTGTCACCATCACCGCCACCA  
ATTTCTGCCACCAAATATGCGCAGGCCAACGACGACGGTGGCTGGTGCAATCC  
GCCCTCAAGCACTTCGACATGGCTCAGCCAGCCTGGGAGAAGATCGGTATCTAC  
AGCGGTGGAATCATCCCATCATATACCAAAGAGTTCCATGCAAGAAACACGGA  
GGGGTTAGGTTTACGATCAATGGAAGAGACTACTTTGAGCTAGTGCTGATCACCA  
ACATGGGAGGAAGTGGAGCGATCAAGTCGATTTCCGGTGAAGGGATCCAAGCTA  
ATACTTGGAGTGCAATGTCCAGAACTGGGGCGCAAATGGCAATCCAATTTGTA  
CCTCAACGGCCAGACTCTATCGTTTCAAGTCACGACGGACGACGGTGTGACCAA  
ATCTTCTCAAACATAGTCCCCTCCGGATGGACTTTCGGACAGACCTTTTCCAGCTC  
TCTCCAATTCAGTTGA

### Nucleotide

>KIEXPA-36

ATGGCATCCGCAAGCATTGCGTTGGCAATGGTTTACTTGGCTACTCTATTCGCTAT  
GCGCTCTTTCCTTACTGTCAATGGCTTCACAGCTTCCGCCTGGACTACAGGCCACG  
CCACGTTTTATGGAGGCAGTGATGCTTCTGGAACAATGGGTATGGTTCAAGATCT  
CAACTTTCTCAACAATTTCTCATTCAACTAGACAACATATAACCAGATTAGCTAC  
ATGGCGGCTTGTGTGACTGAATGTTTCCGCTTCGGTAAATGTTTGATTCTAGGCGG

CGCTTGTGGATACGGGAAC TTG TACTCGACCGGCTATGGGACAAGGACAGCAGCT  
CTGAGCACAGCATTGTTCAATGATGGAGCTTCATGTGGCCAATGCTTCAAGATCA  
TCTGTGACTACAAAATGACCCTAAGTGGTGCCGGAAAGGCTACTCTGTCACCAT  
CACCGCCACCAATTTCTGCCACCAA ACTATGCGCAGGCCAACGACGACGGTGGC  
TGGTGCAATCCGCCCTCAAGCACTTCGACATGGCTCAGCCAGCCTGGGAGAAGA  
TCGGTATCTACAGCGGTGGAATCATCCCCATCATATACCAAAGGTAATGTACCTT  
AGGTTTAAAATTTTAATAAAATTTTTTTTTTATATATTTATTATATGATTAAGAAGCA  
TGCTTCTTGCAGAGTTCCATGCAAGAAACACGGAGGGGTTAGGTTTACGATCAAT  
GGAAGAGACTACTTTGAGCTAGTGCTGATCACCAACATGGGAGGAAGTGGAGCG  
ATCAAGTCGATTTTCGGTGAAGGGATCCAAAGCTAATACTTGGAGTGCAATGTCCA  
GAAACTGGGGCGCAA ACTGGCAATCCA ACTTGTACCTCAACGGCCAGACTCTATC  
GTTTCAAGTCACGACGGACGACGGTGTGACCAA AATCTTCTCAAACATAGTCCCC  
TCCGGATGGACTTTCGGACAGACCTTTTCCAGCTCTCTCCAATTCAGTTGA