

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

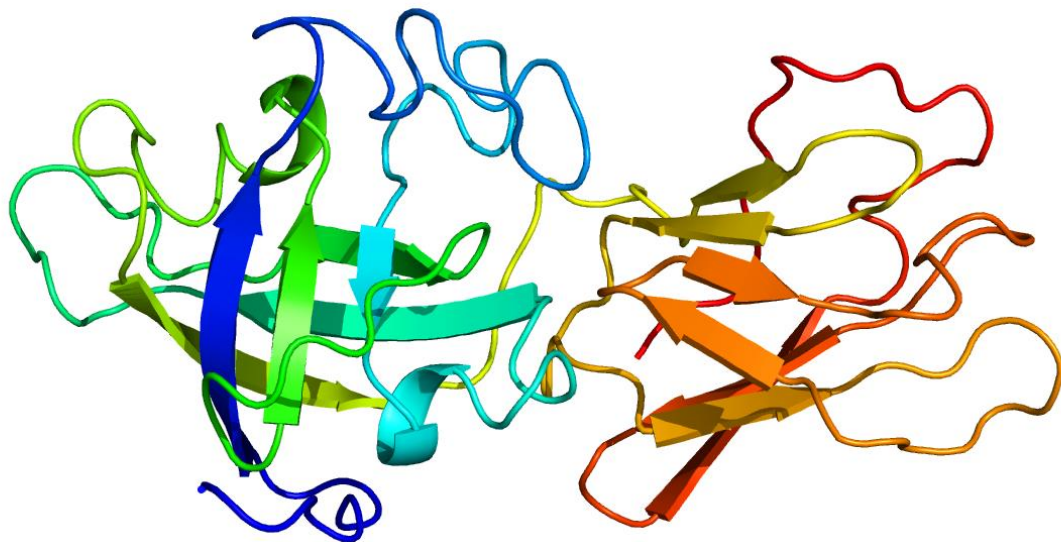
**Locus:** Kalax.0260s0004

**Gene Model:** Kalax.0260s0004.1.p

**Description:** KlEXPA-33

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

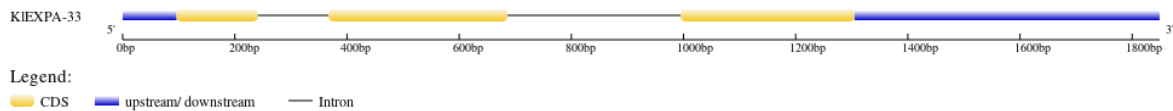
Phytozome: [https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1)

KEGG:-

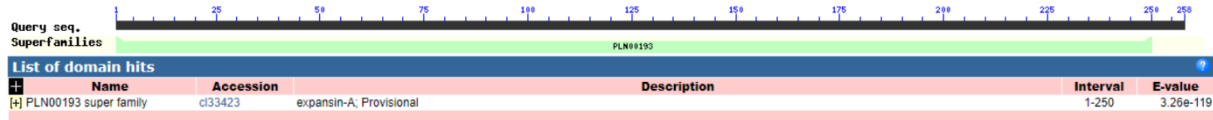
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-33

MAFLTLVTATLCLLLDSAHARIPGVYSGGAWQTAHATFYGGSDASGTMGGACGYG  
NLYSQGYGVNTAALSTALFNNGQSCGSCFELKCANDPQWCHSGSPSIFITATNFCPPN  
FAQPSDNGGWCNPPRPHFDLAMPMLKIAEYRAGIVPVSYRRVPCRKKGGIRFTINGF  
RYFNLVLITNVAGAGDIVRASVKGSKTGWMSMRNWGQNWQSNVAVLVGQALSFRLL  
TGSDRRSSTSWNIVPAHWQFGQTFIGKNFRV\*

### CDS (coding sequence)

>KIEXPA-33

ATGGCATTCTCACTCTGGTCACCGCCACTCTTTGCCTCCTCCTCGACTCCGCCCA  
CGCCCGCATTCCCGGCGTCTACTCCGGTGGCGCTTGGCAGACCGCCCACGCCACC  
TTCTACGGCGGCAGCGATGCCTCTGGTACCATGGGAGGAGCTTGTGGATATGGGA  
ACCTGTACAGCCAGGGTTACGGAGTGAACACGGCGGGCGCTAAGCACAGCGCTGT  
TCAACAACGGTCAGAGCTGCGGCTCCTGCTTTGAGCTCAAATGCGCCAACGATCC  
ACAATGGTGGCACTCCGGCTCTCCATCCATTTTCATCACTGCCACTAACTTCTGTC  
CGCCCAACTTCGCCCAACCCAGCGACAATGGCGGATGGTGCAACCCTCCCAGGCC  
TCATTTTCGATCTCGCCATGCCCATGTTTCTCAAGATCGCTGAGTACCGTGCCGGAA  
TCGTCCCCGTTTCTACCGCCGCGTGCCATGCCGAAAGAAGGGGGGAATCAGATT  
CACGATCAACGGCTTCCGCTACTTCAACTTAGTCCTAATCACCAACGTGGCCGGC  
GCCGGAGACATCGTCAGGGCCAGCGTGAAGGGGTCCAAGACCGGGTGGATGAGC  
ATGAGTCGAAACTGGGGTCAGAACTGGCAGTCAAACGCGGTACTGGTTCGGTCAA  
GCACTGTCATTACAGACTACCGGCAGCGACCGCCGCTCCTCCACCTCGTGGAACA  
TTGTGCCCGCTCACTGGCAGTTCGGGCAGACATTCATCGGAAAGAATTTTAGAGT  
CTGA

### Nucleotide

>KIEXPA-33

CATCTCCATCCATAAATACCCACGCTTTCCTCCTTCGAACTTCCACACCAAGCTC  
AAACCTTTCACACTCTTACCTCCCCATTCTTCTTCAATGGCATTCTCACTCT  
GGTCACCGCCACTCTTTGCCTCCTCCTCGACTCCGCCACGCCCGCATTCCCGGCG  
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CAGTCAAACGCGGTACTGGTCCGTCAAGCACTGTCATTCAGACTCACCGGCAGCG  
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