

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

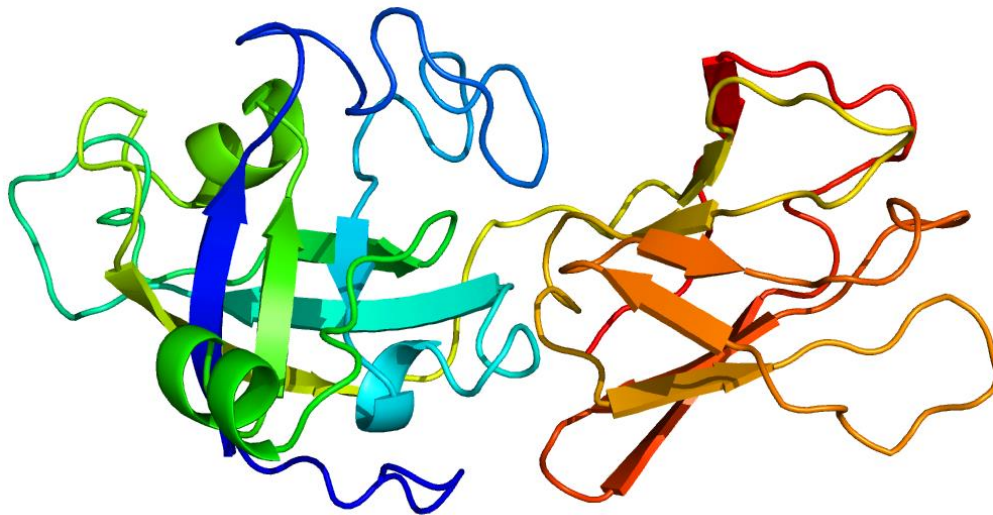
**Locus:** Kalax.0588s0022

**Gene Model:** Kalax.0588s0022.1.p

**Description:** KlEXPA-47

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

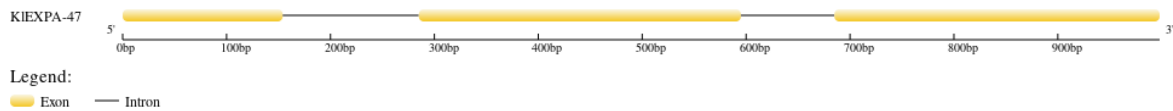
Phytozome: [https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1)

KEGG:-

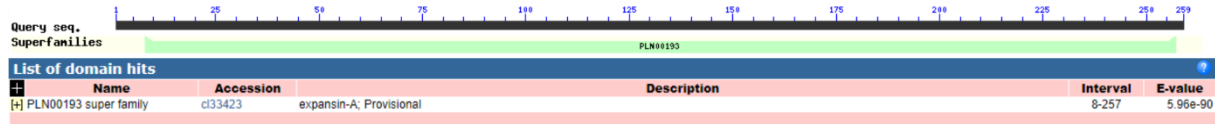
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-47

MAASRYFVLFWLLCMVATISVITNCAGASAAARWSDGHATYYGANLSPATLGGACG  
YDDTVHAGFGVNTAAVSGVLFRRGGQACGACYQVMCDMRTDPKWCIRGGVVTVTA  
TNYCPPNNMGGWCDAPRRHLDMSAPAFFKVAKPGNEGIIPILYRRIGCERRGGVRF  
LKGQSSFNMVMISNVGGSGDVRAAWIKVSRRTGWVPMHRNWGANWQTSIELRRRN  
LSFKVALADGKMMEFRNVVPSTWSFGQTYSSSAQFS\*

### CDS (coding sequence)

>KIEXPA-47

ATGGCAGCTTCACGCTATTTTCGTATTATTCTGGTTATTATTATGCATGGTGGCGAC  
CATTTCGGTTATCACCAACTGTGCTGGTGCCAGCGCCGCTCGCTGGTCTGATGGCC  
ATGCAACCTATTACGGGGCCAATCTCAGCCCTGCAACTCTTGGTGGTGCCTGTGG  
GTACGATGACACGGTGCACGCCGATTTCGGAGTGAACACGGCAGCCGTGAGCGG  
CGTCCTTTTCAGGGGCGGACAAGCTTGCGGAGCTTGCTACCAGGTGATGTGTGAC  
ATGAGGACAGACCCCAAATGGTGCATCAGAGGAGGAGTTGTGACAGTCACCGCC  
ACGAACTACTGCCCTCCCAACAACATGGGCGGCTGGTGCATGCTCCCCGACGCC  
ATCTCGACATGTCCGCTCCTGCATTCTTCAAAGTCGCCAAACCTGGAAACGAAGG  
CATCATACCCATCCTCTATAGAAGGATTGGGTGTGAAAGGCGTGGAGGGGTTCCG  
TTCACGTTGAAGGGCCAGTCCAGCTTCAACATGGTGTGATCTCAAATGTGGGAG  
GGAGTGGCGATGTGAGGGCTGCATGGATCAAGGTGTCGAGGAGGACTGGCTGGG  
TTCCTATGCATAGAAATTGGGGTGCCAACTGGCAAACCAGCATCGAGTTGCGCAG  
ACGAAACTTGTCTTTTAAGGTGGCTTTGGCGGACGGGAAGATGATGGAGTTCCGC  
AATGTTGTTCCCTCAACGTGGTCCTTCGGCCAGACCTATTCTTCTTCAGCTCAGTT  
CTCTTAA

### Nucleotide

>KIEXPA-47

ATGGCAGCTTCACGCTATTTTCGTATTATTCTGGTTATTATTATGCATGGTGGCGAC  
CATTTCGGTTATCACCAACTGTGCTGGTGCCAGCGCCGCTCGCTGGTCTGATGGCC  
ATGCAACCTATTACGGGGCCAATCTCAGCCCTGCAACTCTTGGTACTTGACATC  
AGCAATGTCGTAAGGCGCGTGTGGTTCGCTAGACTGATAATAAAAACCTTGCAC  
TACTGTTATTTGTGATGATTAATTGTTGGAATAAAGTGGATTTTATTAAATTTATA

TGCGTAGGTGGTGCCTGTGGGTACGATGACACGGTGCACGCCGGATTCGGAGTGA  
ACACGGCAGCCGTGAGCGGCGTCCTTTTCAGGGGCGGACAAGCTTGCGGAGCTTG  
CTACCAGGTGATGTGTGACATGAGGACAGACCCCAAATGGTGCATCAGAGGAGG  
AGTTGTGACAGTCACCGCCACGAACACTGCCCCTCCCAACAACATGGGCGGCTGG  
TGCGATGCTCCCCGACGCCATCTCGACATGTCCGCTCCTGCATTCTTCAAAGTCGC  
CAAACCTGGAAACGAAGGCATCATACCCATCCTCTATAGAAGGTATATTTTCAGTA  
ATATTATAAATTTTTTTTACTGATTACTATCGAGATGGAGAAGTGTGGGGTCCTTAC  
CAAGTCAATGTTTATGTGTAGGATTGGGTGTGAAAGGCGTGGAGGGGTTTCGGTTC  
ACGTTGAAGGGCCAGTCCAGCTTCAACATGGTGTGATCTCAAATGTGGGAGGG  
AGTGGCGATGTGAGGGGCTGCATGGATCAAGGTGTGAGGAGGACTGGCTGGGTT  
CCTATGCATAGAAATTGGGGTGCCAACTGGCAAACCAGCATCGAGTTGCGCAGA  
CGAAACTTGTCTTTTAAGGTGGCTTTGGCGGACGGGAAGATGATGGAGTTCCGCA  
ATGTTGTTCCCTCAACGTGGTCCTTCGGCCAGACCTATTCTTCTTCAGCTCAGTTC  
TCTTAA