

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

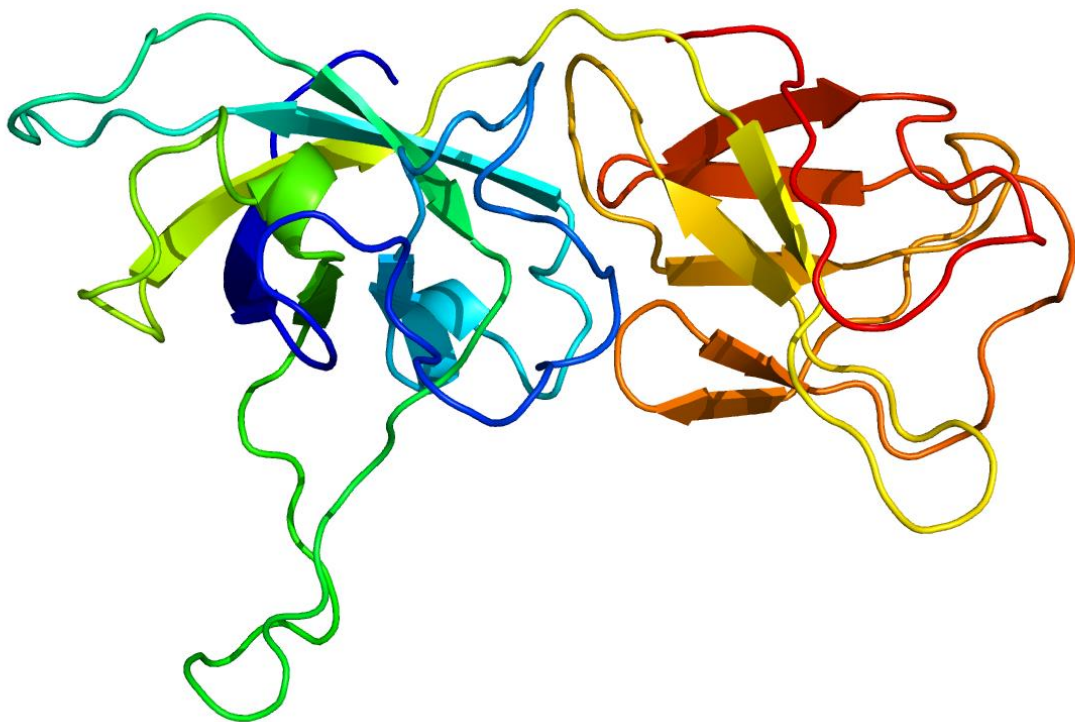
**Locus:** Kalax.0565s0026

**Gene Model:** Kalax.0565s0026.1.p

**Description:** KlEXPA-45

**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:-

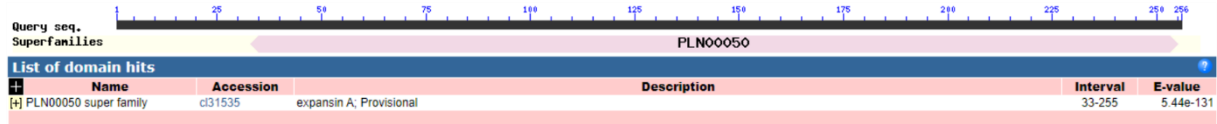
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-45

MKQKLSAASAFLLSLLFSCHFVNRNPVYADYGDWQPAHATFYGGGDASGTMGGACG  
YGNLYSQGYGTNTAALSTALFNDGLSCGSCYEMQCRDDPQWCLPGTITVTATNFCPP  
NPAQPNDGGWCNPLQHFDMAEPAFLKIAQYKAGIVPVS YRRVPCAKSGGLHFTIN  
GHSYFNLVLITNVAGAGDVRVSVKGSNTEWQTMSRNWQNWQSN SYLNGQSLSF  
QVTASDGRTVTNYDVAPSDWQFGQTFEGGQF\*

### CDS (coding sequence)

>KIEXPA-45

ATGAAGCAGAAGCTCTCGGCTGCCTCAGCCTTCTTGCTCTCTCTTCTCTTCTCGTG  
CCATTTCTGCAACCGCCCGGTCTACGCCGACTACGGCGATTGGCAGCCCGCGCAC  
GCCACCTTCTACGGCGGCGGTGACGCTTCCGGCACAATGGGGGGGCTTGTGGGT  
ACGGTAACCTGTACAGCCAGGGCTACGGCACCAACACGGCGGCGCTCAGCACTG  
CGCTGTTCAACGATGGCCTGAGCTGCGGATCATGCTACGAGATGCAGTGTAGGGA  
TGACCCGCGAGTGGTGTCTTCCGGGCACTATCACCGTCACCGCCACAACTTCTGC  
CCTCCAACCCGGCCCAACCAACGACGACGGCGGCTGGTGCAACCCTCCCCTCC  
AGCATTTGACATGGCCGAGCCCGCATTTCTCAAGATCGCCAATACAAGGCCGG  
AATCGTTCCTGCTCTTATAGAAGAGTTCCTGTGCGAAGAGCGGAGGCCTGCAT  
TTCACGATCAACGGACACTCTTACTTCAACCTGGTCCTGATCACCAACGTCGCCG  
GGGCCGGAGATGTGCGCTCAGTTTCCGTCAAGGGGTCCAACACAGAATGGCAA  
CCATGTCAAGAACTGGGGGCAAAATTGGCAAAGCAACTCTTACCTCAATGGAC  
AGAGTCTCTCGTTTCAAGTCACCGCCAGTGACGGAAGAACCGTGACAACTATGA  
CGTGGCGCCATCTGATTGGCAGTTTGGACAACTTTTGAAGGTGGCCAGTTTTAA

### Nucleotide

>KIEXPA-45

AGTCCAAACCTCATCTTAATCCCCTGGCTGCCTCACAAACCCTAGCTACGAGATC  
ACACTGCCTACTCATTCAACCCTAATACATTAATTTTCGATTCTCACAAATGAAGCAG  
AAGCTCTCGGCTGCCTCAGCCTTCTTGCTCTCTCTTCTCTTCTCGTGCCATTTCTGC  
AACCGCCCGGTCTACGCCGACTACGGCGATTGGCAGCCCGCGCACGCCACCTTCT  
ACGGCGGCGGTGACGCTTCCGGCACAATGGGTACGTAATAAGCTAGTCTTATACA  
CTACGTACGTACTGATAATTAATAAGCTCATTTTGCATGCATGTTCTAATGGTT

AATTCTTCTTCAAGGGGGGGCTTGTGGGTACGGTAACCTGTACAGCCAGGGCTAC  
GGCACCAACACGGGCGGCGCTCAGCACTGCGCTGTTCAACGATGGCCTGAGCTGCG  
GATCATGCTACGAGATGCAGTGTAGGGATGACCCGCAGTGGTGTCTTCCGGGCAC  
TATCACCGTCACCGCCACAACTTCTGCCCTCCCAACCCGGCCCAACCAACGAC  
GACGGCGGCTGGTGAACCCTCCCCTCCAGCATTTTCGACATGGCCGAGCCCGCAT  
TTCTCAAGATCGCCCAATACAAGGCCGGAATCGTTCCTTCTTATAGAAGGTG  
ACACCAATTCTCACATTTTCATTTCTTGTACACATTTTTAATTACTAGACGGATC  
CTAAGAATCTAGCTATGCCATTTTGTGAATTTAGAGTTCCGTGTGCGAAGAGCGG  
AGGCCTGCATTTACGATCAACGGGACTCTTACTTCAACCTGGTCCTGATCACC  
AACGTCGCCGGGGCCGGAGATGTGCGCTCAGTTTCCGTCAAGGGGTCCAACACA  
GAATGGCAAACCATGTCAAGAACTGGGGGCAAATTTGGCAAAGCAACTCTTAC  
CTCAATGGACAGAGTCTCTCGTTTCAAGTCACCGCCAGTGACGGAAGAACCGTGA  
CAAACCTATGACGTGGCGCCATCTGATTGGCAGTTTGGACAACTTTCGAAGGTGG  
CCAGTTTTAAATTTTAACTAAAGGCCCTCATGTTTTGTCCATGTCTAGTTTAT  
GGCCTCTAATAGTTTACAATTACATAGAGTCCTGTTTTGTTGTGTGTTTTCCAAT  
AAAGTGTTTAGATATA