

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

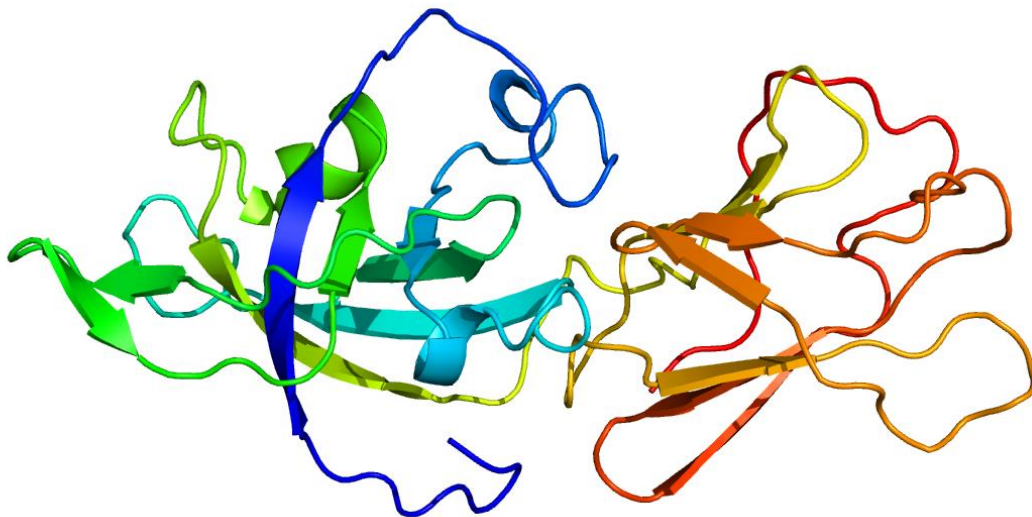
**Locus:** Kalax.0037s0090

**Gene Model:** Kalax.0037s0090.1.p

**Description:** KlEXPA-14

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

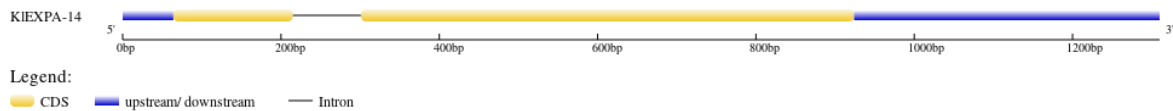
Phytozome: [https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1)

KEGG:-

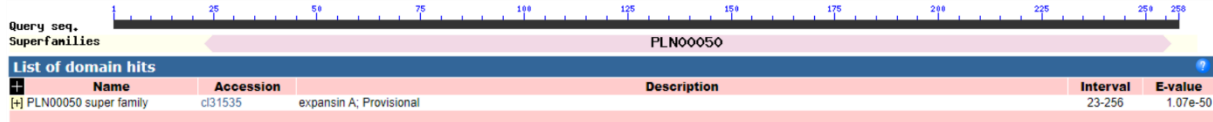
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-14

MSISKMMAYYYHSSSFQSLFPAISLLLLSAVSAQGGKWESATATSTFNGQDLACGCF  
ENQTEYGGKTA AVSTALYSNGRMC GACFEIKCGGSSRNCLPRTVQV TAAAACSPS  
YFNGTRNWC AKPGKHFELPASIFSSISNDGWAVVPVEYRRVKCARQGGIRFRVVGSR  
GVVGMVY NVVGGSGDVVGLKIKGSESEWVEMINGDDQRWVTSHRVSLAGQSLSF  
RVTSSDGKAVESKDVVPKNWKFGETYEGDQFK\*

### CDS (coding sequence)

>KIEXPA-14

ATGAGCATTAGTAAGATGATGGCTTACTACTACCATTCTCTTCTTTCCAATCATT  
GTTCCCAGCCATCTCCCTTCTCTTGCTCTCAGCTGTCTCAGCTCAGGGCGGCAAAT  
GGGAATCGGCCACAGCTACTTCCACATTCAACGGTCAAGACTTGGCAGGGTGCGG  
ATTTGAGAATCAGACAGAATAACGGCGGCAAACGGCGGCAGTGAGCACAGCCCT  
GTACAGCAACGGCCGGATGTGCGGCGCGTGCTTCGAAATAAAATGCGGCGGTGG  
CAGCTCAAGAACTGCCTGCCCAGAACCGTCCAGGTGACGGCAGCCGCAGCCTG  
CTCCCCAGCTACTTCAACGGCACGAGGAAGTGGTGCGCCAAACCCGGGAAGCA  
TTTCGAGCTGCCCGCCTCAATCTTCTCATCCATCTCCAACGACGGCTGGGCCGTGC  
TGCCGGTGGAGTACAGGAGAGTGAAGTGCCTAGACAAGGCGGCATACGGTTCA  
GAGTGGTGGGAGCCGCGGCGTTGTTGGGGTTATGGTGTACAATGTGGGAGGGA  
GCGGTGACGTGGTGGCCTGAAGATCAAAGGAGTGAGGAGAGCGAGTGGGTGG  
AGATGATCAATGGGGATGATCAGCGCTGGGTACATCTCATCGGGTGTGCTGGC  
GGGACAAAGCCTGTCGTTCCGCGTGACGTCGAGTGATGGGAAGGCGGTGGAGAG  
TAAAGATGTTGTGCCTAAAACTGGAAGTTCGGAGAAACCTATGAAGGAGACCA  
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### Nucleotide

>KIEXPA-14

TAGGACAGAATCAAGCAGATACCATAAATACATATCTACGCTTCAAAACCCATT  
TCAACATCCATGAGCATTAGTAAGATGATGGCTTACTACTACCATTCTCTTCTTT  
CCAATCATTGTTCCCAGCCATCTCCCTTCTCTTGCTCTCAGCTGTCTCAGCTCAGG  
GCGGCAAATGGGAATCGGCCACAGCTACTTCCACATTCAACGGTCAAGGTACCCA  
TCCAAGTCCAAGTGTGCGTATACAAATACTCTCTCGGAGGCTTCTCTCTTTTTT

TCATTTTTGATGTTGTGAAACAGACTTGGCAGGGTGCGGATTTGAGAATCAGACA  
GAATACGGCGGCCAAAACGGCGGCAGTGAGCACAGCCCTGTACAGCAACGGCCGG  
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CGGCGTTGTTGGGGTTATGGTGTACAATGTGGGAGGGAGCGGTGACGTGGTGGG  
CCTGAAGATCAAAGGGAGTGAGGAGAGCGAGTGGGTGGAGATGATCAATGGGG  
ATGATCAGCGCTGGGTACATCTCATCGGGTGTGCTGGCGGGACAAAGCCTGTC  
GTTCCGCGTGACGTGAGTGATGGGAAGGCGGTGGAGAGTAAAGATGTTGTGCC  
TAAAAACTGGAAGTTCGGAGAAACCTATGAAGGAGACCAGTTCAAGTAGCCCAA  
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AATTAAGGTTAATTTAAGTTTCAGTCGTGGTGGGTGCGCTTATAATTTTTTTTG  
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AGTTCAATGAACACACCTGCTTACCAGTGACATTATTTTCGATGATAGAAGCAAAC  
AGTTGGTTCATAGTATTTAAGTGCAGAGTGGAGTCAGAATTCATTTATGGTCACC  
AATATACAGTTGGTTCATATTATGGCGTGAAGTGTGGACTCAGAATACATTTACA  
ACGCGGCAGATCATCCAGTATGAATCTGGTCAATAGACCAAGCATAAGA