

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

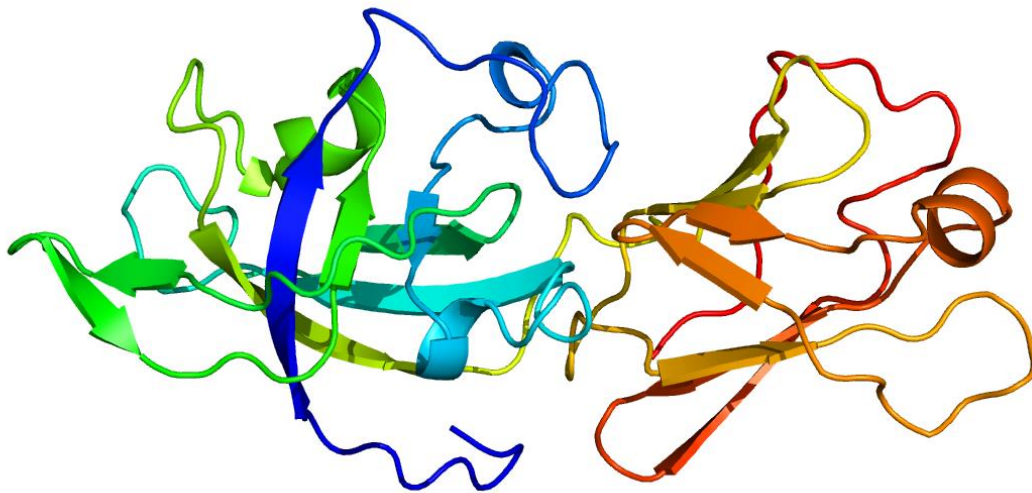
**Locus:** Kalax.0059s0010

**Gene Model:** Kalax.0059s0010.1.p

**Description:** KlEXPA-20

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

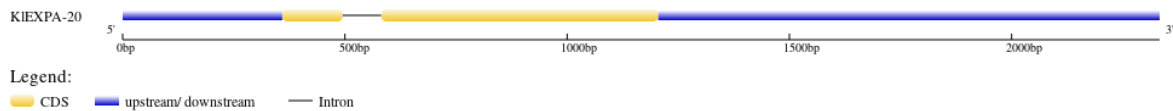
Phytozome: [https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1)

KEGG:-

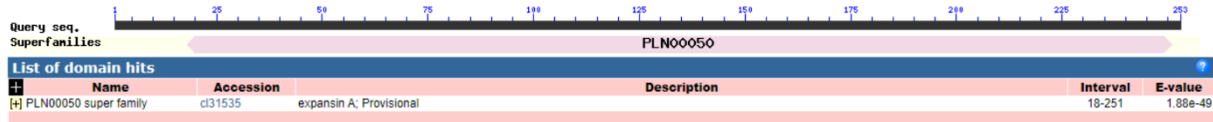
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-20

MMAYYYHSSSFQSLFPAISLLLLSAVSAQGGKWESATATSTFNGQDLAGCGFENQTE  
YGGKTA AVSTALYSNGRMCGACFEIKCGGGSSRNCLPRTVQV TAAAACSPSYFNGT  
RNWCAKPGKHFELPTSIFSSISDDGWAVVPVEYRRVKCARQGGIRFRVVGSRGVVVG  
MVYNVAGSGDVVGLKIKGSESEWVEMINGDDQRWVTSHRVSLAGQSLSFHVTSSD  
GKAVESKDVVPKNWKFGETYEGGQFK\*

### CDS (coding sequence)

>KIEXPA-20

ATGATGGCTTACTACTACCATTCCTCTTCTTTCCAATCATTGTTCCCAGCCATCTCC  
CTTCTCTTGCTCTCAGCTGTCTCAGCTCAGGGCGGCAAATGGGAATCGGCCACAG  
CTACTTCCACATTCAACGGTCAAGACTTGGCAGGGTGCGGATTTGAGAATCAGAC  
TGAATACGGCGGCAAACGGCGGCAGTGAGCACAGCCCTGTACAGCAACGGCCC  
GATGTGCGGCGCGTGCTTCGAAATAAAATGCGGCGGAGGCAGCTCAAGAACTG  
CCTGCCCAGAACCGTCCAGGTGACGGCAGCCGCAGCCTGCTCCCCCAGCTACTTC  
AACGGCACGAGGAACTGGTGCGCCAAACCCGGGAAGCATTTCGAGCTGCCACC  
TCAATCTTCTCATCCATCTCCGACGACGGCTGGGCCGTTGTGCCGGTGGAGTACA  
GGAGAGTGAAGTGCGCTAGACAAGGCGGCATACGGTTCAGAGTGGTGGGGAGCC  
GCGGCGTTGTTGGGGTGATGGTGTACAATGTGGCAGGGAGCGGTGACGTGGTGG  
GCCTGAAGATCAAAGGGAGTGAGGAGAGCGAGTGGGTGGAGATGATCAATGGG  
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CGTTCCACGTGACGTCGAGCGATGGGAAGGCGGTGGAGAGTAAAGATGTTGTGC  
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### Nucleotide

>KIEXPA-20

TATTGCGCAGTCAATTATTGCCAGCACTAGAACTACTACATCGTTTAATGATTTCT  
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AACCATCATACCAAATACCA