

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

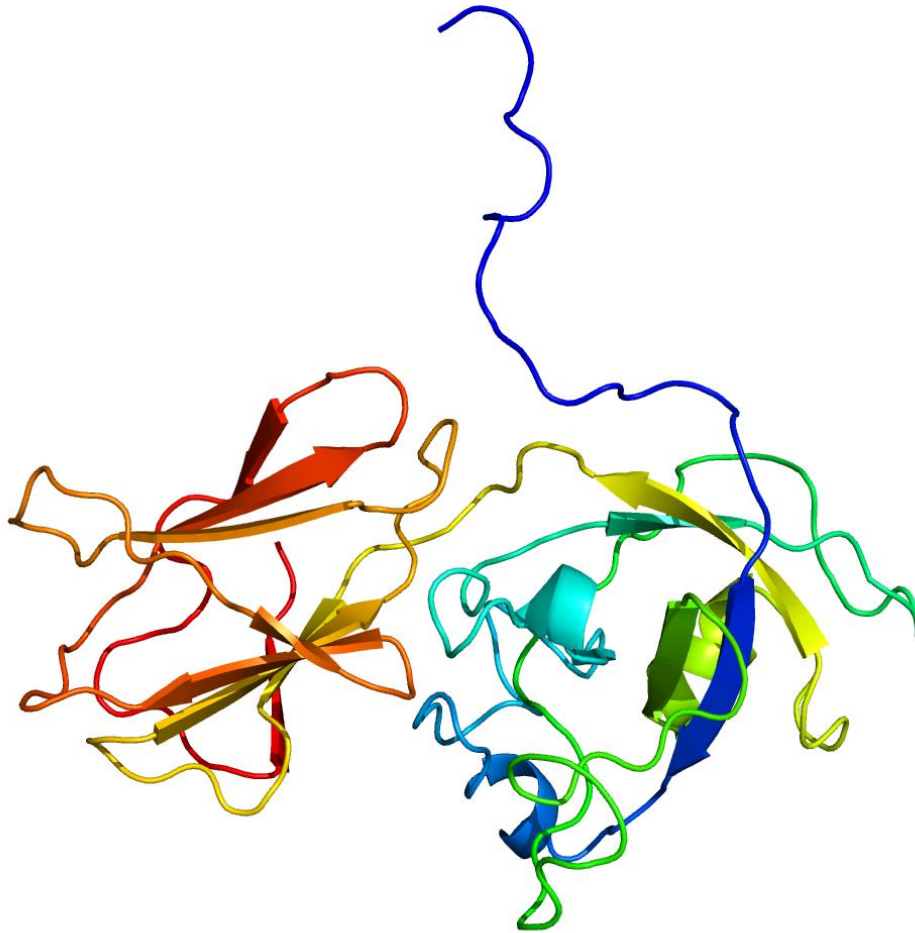
**Locus:** Kalax.1051s0013

**Gene Model:** Kalax.1051s0013.1.p

**Description:** KlEXPA-54

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

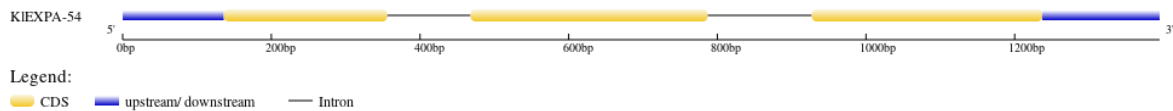
Phytozome: [https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1)

KEGG:-

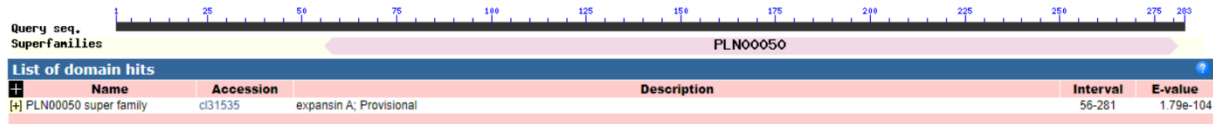
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-54

MKVPWFILLMTTLFLVVLPLPDHQQVHASRSNIIAERGHLPNTAKHHKPPFRPGPWKP  
AHATFYGGSDGSQTMGGACGYENLIEGYGLQTAALSQQLFNGGQTCGACYEIKCV  
NDAQWCKPGQPSMLVTATNLCPPNGQLSSQNGGWCNPPLEHFDIAQPAFVQVAEYK  
AGIIPVQYRRIPCQKKGGIKFTITGNPYFNMVLVWNVGGAGDVTSLQVKGSKKLKWT  
QLDRNWGQKWTTGAMMQGERLTFRVTTSDGKTSTS WNIVPENWQFGQTFEGKNFK  
\*

### CDS (coding sequence)

>KIEXPA-54

ATGAAGGTTCTTGGTTTATTTTGTTAATGACAACATTGTTTCTTGTGTCCTGCC  
TTGCCCGACCATCAGGTGCACGCAAGTAGAAGTAACATCATCGCTGAGCGCGGTC  
ATCTCGCACCCAACACAGCCAAGCACCACAAGCCTCCATTCCGACCTGGTCCATG  
GAAGCCTGCTCATGCTACATTTTACGGAGGATCCGATGGCTCGCAGACAATGGGT  
GGGGCTTGC GGATATGAGAACTTGATTGAGGAAGGCTACGGCCTTCAAACCGCTG  
CGTTAAGCCAGCAGTTGTTCAACGGTGGGCAGACCTGTGGGGCTTGTATGAGAT  
AAAGTGCGTGAATGATGCCCAATGGTGCAAGCCAGGGCAGCCGCTATGCTTGTG  
ACAGTACCAATCTATGCCCCCAACGGCCAGTTGTCCAGCCAGAATGGAGGGT  
GGTGCAACCCTCCTCTGGAGCATTTTGACATAGCTCAGCCGGCTTTTGTCCAAGTG  
GCCGAGTACAAAGCTGGCATCATCCCTGTTCAATACAGAAGGATTCCTTGCCAAA  
AGAAAGGAGGCATAAAGTTCACAATCACCGGAAACCCCTACTTCAACATGGTCCCT  
GGTGTGGAACGTGGGAGGAGCCGGAGATGTGACCAGCCTACAAGTGAAGGGGAG  
CAAGAAGCTCAAGTGGACGCAACTGGACCGGAACTGGGGCCAAAAATGGACCAC  
CGGAGCAATGATGCAAGGGGAGAGACTCACTTTTAGAGTGACTACTAGTGATGG  
AAAACTTCAACCTCATGGAACATTGTACCCGAAAATTGGCAATTTGGACAGACC  
TTCGAAGGCAAGAACTTCAAGTAG

### Nucleotide

>KIEXPA-54

AGAATCCCAAACCCACAAAAATTGGGATCAAAATTAAGCACCCTGAAAATATA  
TTTCAGCCAGCTAATTACTCTGCAGGAAATCCAATTCGAGGAAGCAAGTTCAGAT  
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CACAAGCCTCCATTCCGACCTGGTCCATGGAAGCCTGCTCATGCTACATTTTACG  
GAGGATCCGATGGCTCGCAGACAATGGGTATTAGCACATCTTAGTGATATACTGC  
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TGGGCAGACCTGTGGGGCTTGCTATGAGATAAAGTGCGTGAATGATGCCCAATGG  
TGCAAGCCAGGGCAGCCGTCTATGCTTGTGACAGCTACCAATCTATGCCCCCCA  
ACGGCCAGTTGTCCAGCCAGAATGGAGGGTGGTGAACCCCTCCTCTGGAGCATTT  
TGACATAGCTCAGCCGGCTTTTGTCCAAGTGGCCGAGTACAAAGCTGGCATCATC  
CCTGTTCAATACAGAAGGTAATTAAGCACAGTAGCAAAAATAATCTTCAGGAAATT  
CATGTGATCATATCATTGCAGAGAATAATGCTGTAAAAACTGTACAGGATTCAAA  
TCCACATGTTTTTAATTTGAGTTGGATTTTTTGTGTTTGACACTTCAGGATTCCTTGC  
CAAAAGAAAGGAGGCATAAAGTTCACAATCACCGGAAACCCCTACTTCAACATG  
GTCCTGGTGTGGAACGTGGGAGGAGCCGGAGATGTGACCAGCCTACAAGTGAAG  
GGGAGCAAGAAGCTCAAGTGGACGCAACTGGACCGGAACTGGGGCCAAAAATG  
GACCACCGGAGCAATGATGCAAGGGGAGAGACTCACTTTTAGAGTGACTACTAG  
TGATGGAAAACTTCAACCTCATGGAACATTGTACCCGAAAATTGGCAATTTGGA  
CAGACCTTCGAAGGCAAGAACTTCAAGTAGTAAGGTATCTAATTGGTGTGGCGAC  
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