

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

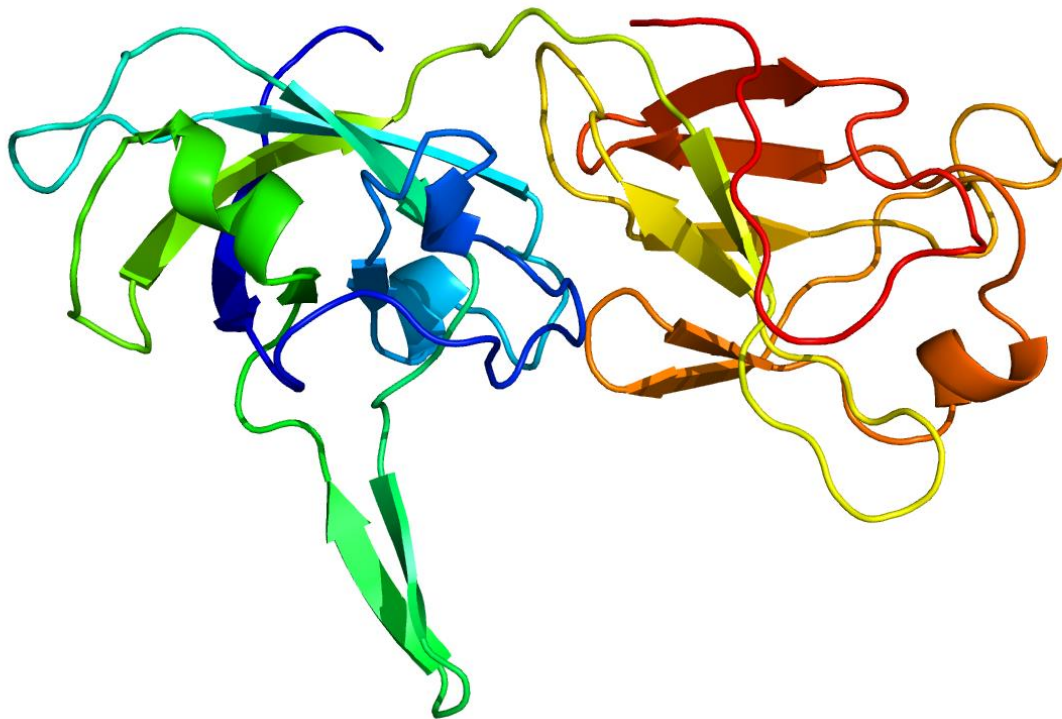
**Locus:** Kalax.1351s0007

**Gene Model:** Kalax.1351s0007.1.p

**Description:** KlEXPA-56

**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:-

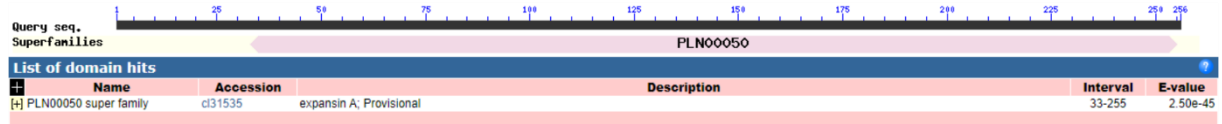
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-56

MACPQPVFLFLLLA VVLSLAASFTTVSCQGDWDSANATSTFNGQDLAGCGFENQT  
EYQGMTVA VSAAMYENGKTCGACFEIRCNGSSACLPKTIQVTA AKSCAASYFNGTR  
NWCQEPRKHFELPTSIFSSISNDEGA VVPVQFRRVTC DRQGGMRFRLLGSGETVGVM  
VYNVGGTGEVVDVKMKG DSSSSAAASGWVEMINGDDQRWVTADRMSSLSGQSLSF  
RVTSSNGK VIECMNVAPKDWKFGESYEGDQF\*

### CDS (coding sequence)

>KIEXPA-56

ATGGCTTGCCCCCAACCAGTTTTCTCCTCCTACTGTTGGCTGTTGTACTCTCTCTT  
GCTGCATCTTTCACCACCGTCTCATGTCAGGACGGTGACTGGGATTCAGCCAATG  
CAACTTCCACCTTCAACGGCCAAGACTTGGCAGGTTGCGGTTTCGAGAATCAGAC  
CGAGTACCAAGGCATGACGGTGGCGGTCAGCGCAGCTATGTACGAAAACGGGAA  
AACATGCGGGGCTTGCTTCGAGATAAGATGCAACGGCAGCTCAGCCTGCCTGCC  
AAAACCATCCAAGTGACCGCAGCCAAATCCTGCGCAGCCAGCTACTTCAACGGC  
ACACGGA ACTGGTGTCAAGAACCCCGCAAGCACTTCGAGCTCCCCACCTCCATCT  
TCTCATCCATCTCCAACGATGAAGGGGCGGTTGTGCCGTTTCAGTTCAGGAGAGT  
GACTTGTGACAGACAAGGGGGCATGCGGTTTCAGGCTGTTGGGCAGCGGTGAGAC  
TGTGGGAGTGATGGTGTATAATGTGGGTGGGACTGGGGAGGTTGTGGATGTGAA  
GATGAAAGGGGATTCGTCGTCGTCGGCGGCGGCGAGCGGGTGGGTGGAGATGAT  
AAACGGGGATGATCAGCGATGGGTCACTGCAGACAGGATGTCATCGCTGTCTGG  
GCAAAGCCTGTCGTTTCGAGTCACCTCAAGCAATGGGAAAGTGATTGAGTGTATG  
AATGTTGCACCTAAAGACTGGAAATTTGGAGAATCTTATGAAGGAGATCAATTCT  
AG

### Nucleotide

>KIEXPA-56

CAACCCACAATATAATGGCTTGCCCCCAACCAGTTTTCTCCTCCTACTGTTGGC  
TGTGTACTCTCTCTTGCTGCATCTTTCACCACCGTCTCATGTCAGGACGGTGACT  
GGGATTCAGCCAATGCAACTTCCACCTTCAACGGCCAAGGTACATGCATATGCAT  
AACTACTTTGGTATTAATACTTTTATCATGCTAAAAGTTGTGTTTAGTTAAAATG  
GGTTTTTTTGTACGTTGGGAAAATTTCAACAGACTTGGCAGGTTGCGGTTTCGAG

AATCAGACCGAGTACCAAGGCATGACGGTGGCGGTCAGCGCAGCTATGTACGAA  
AACGGGAAAACATGCGGGGCTTGCTTCGAGATAAGATGCAACGGCAGCTCAGCC  
TGCCTGCCAAAACCATCCAAGTGACCGCAGCCAAATCCTGCGCAGCCAGCTACT  
TCAACGGCACACGGAAGTGGTGTCAAGAACCCCGCAAGCACTTCGAGCTCCCCAC  
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AGATGATAAACGGGGATGATCAGCGATGGGTCACTGCAGACAGGATGTCATCGC  
TGTCTGGGCAAAGCCTGTCGTTTTCGAGTCACCTCAAGCAATGGGAAAGTGATTGA  
GTGTATGAATGTTGCACCTAAAGACTGGAAATTTGGAGAATCTTATGAAGGAGAT  
CAATTCTAGTCGACTTTCAGCAGCAACAACTGAAGCAGTTTTTTTCATTTTTCTT  
ATCTCACCTCACAAATAACTTGTCTTTTGAGACGACTCTTATGTTTCATTTTCACC  
ATTTTCCTTTATTTTCTTCTCAATAAAAATATTAAGATGATATTATTGTTCTGAC  
AATACGAATGATTACGAAGATCAGACTTAAAATGCATCATCTAGAGACACCAA  
TTTCCAGTACATCTGGTTCTA