

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

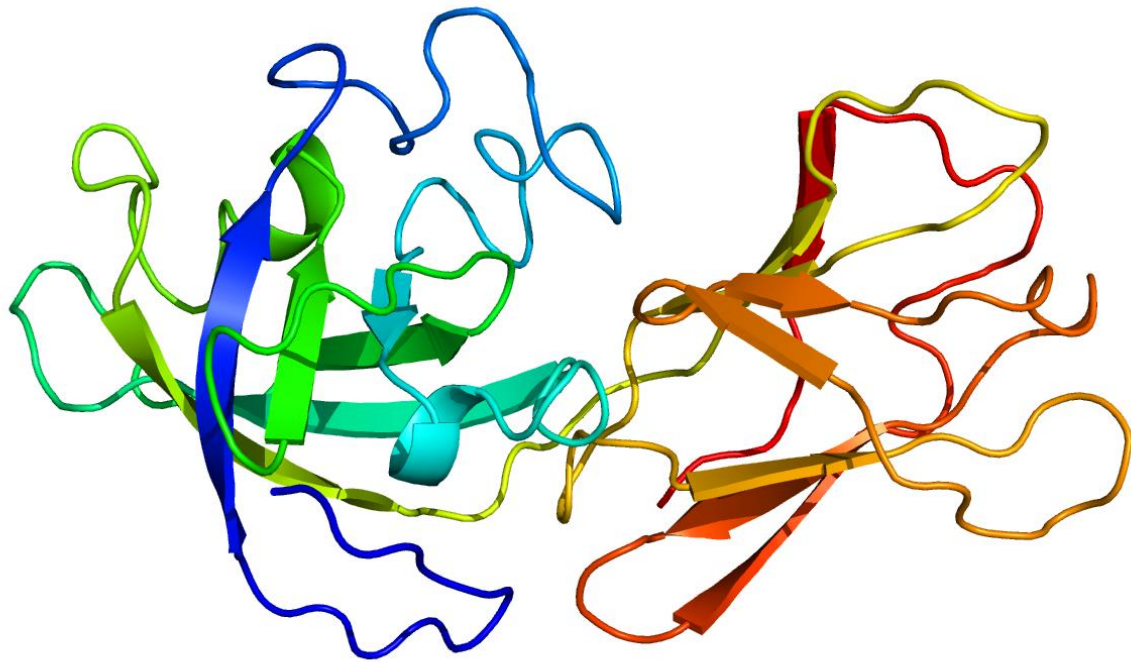
**Locus:** Kalax.0262s0022

**Gene Model:** Kalax.0262s0022.1.p

**Description:** KlEXPA-34

**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:-

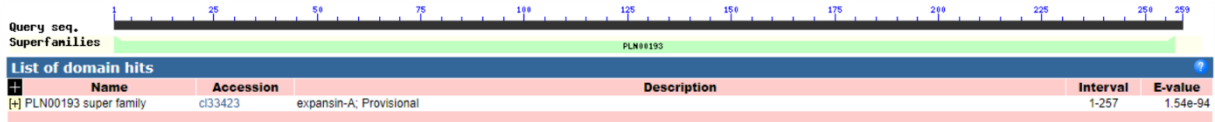
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPA-34

MASLLGLVLPLMGLVAALFTRGVNGTFYAQPWQMAHATFYGDETASETMGGACGY  
GNLFQNGYGTATAALSSVLFNNGYACGECFQIKCYGSPNCYKGYPFITKITATNLCPP  
NWSQDSNNGGWCNPPRQHFDMSKPAFMQIANWKAGIVPVMYRRVPCAKAGGLKF  
RFEGNGYWLLVYVMNVSGAGDIASMSVKGSKTQWIKMSHNWGASYQAFATLGGQ  
SLSFMVTSYTTTHTVTAYNVAPANWQTGMTYSSKVNFN\*

### CDS (coding sequence)

>KIEXPA-34

ATGGCTTCTCTTCTCGGCCTCGTCTTGCCGCTAATGGGGCTCGTCGCGGCGCTCTT  
CACGCGGGGAGTCAACGGTACCTTCTACGCCAGCCTTGGCAGATGGCCACGCT  
ACATTTTACGGCGACGAGACCGCTTCCGAAACCATGGGGGGGCTTGCGGATATG  
GGAACCTGTTCCAGAACGGGTACGGGACAGCTACGGCGGCGCTGAGCTCGGTGC  
TGTTCAACAATGGATACGCGTGC GGGGAGTGCTTTTCAGATAAAGTGCTACGGATC  
GCCCAACTGCTACAAGGATATCCTTTACGAAAATCACAGCTACGAACCTCTGC  
CCGCCCAACTGGAGCCAGGACTCCAACAACGGAGGCTGGTGCAACCCTCCAGA  
CAACATTTTCGACATGTCCAAGCCCGCTTTCATGCAGATCGCCAAGGAGCCG  
GCATCGTCCCAGTCATGTACCGCAGGGTGCCTTGCGCGAAGGCGGGAGGGCTGA  
AGTTCCGATTCGAGGGGAACGGGTAAGTGGCTGCTGGTGTACGTGATGAACGTGTC  
GGGGGCGGGAGACATCGCGTCCATGTCAGTCAAGGGCAGCAAGACCCAGTGGAT  
CAAAATGAGCCACAACCTGGGGCGCGTCTACCAGGCCTTCGCCACGCTCGGCGGC  
CAATCTCTTTCTTCATGGTGACCTCCTACACTACTCACGAGACCGTCACTGCTTA  
CAACGTGCGGCCCGCCAACCTGGCAGACCGGCATGACTTACTCATCCAAGGTCAAT  
TTCAACTGA

### Nucleotide

>KIEXPA-34

ATGGCTTCTCTTCTCGGCCTCGTCTTGCCGCTAATGGGGCTCGTCGCGGCGCTCTT  
CACGCGGGGAGTCAACGGTACCTTCTACGCCAGCCTTGGCAGATGGCCACGCT  
ACATTTTACGGCGACGAGACCGCTTCCGAAACCATGGGTATGTTACAGACCTTTC  
ATTTTCTGTCTTGAAGAATTTTCAACTAATTATTCATGACAGTGAATAGAATTCTC  
GTTTGAGTTTCTGACTTATTTTTTATTGTTGGATTTTTAGGGGGGGCTTGCGGATA

TGGGAACCTGTTCCAGAACGGGTACGGGACAGCTACGGCGGCGCTGAGCTCGGT  
GCTGTTCAACAATGGATACGCGTGCGGGGAGTGCTTTCAGATAAAGTGCTACGGA  
TCGCCCAACTGCTACAAGGGATATCCTTTCACGAAAATCACAGCTACGAACCTCT  
GCCCGCCCAACTGGAGCCAGGACTCCAACAACGGAGGCTGGTGCAACCCTCCA  
GACAACATTTGACATGTCCAAGCCCGCTTTCATGCAGATCGCCAACTGGAAGGC  
CGGCATCGTCCCAGTCATGTACCGCAGGTGCTGAGATAGATCAGTTTCTATTTG  
ATATTATCAGAATTATATTCCAGCAGTATCCTGATAGAAAAACATAAACTTTATT  
CAAATTGTCGATCGGTTGTTGTTTAGTAACTGACGATGTGGTTCGGACATGTTGTA  
GGGTGCCTTGCGCGAAGGCGGGAGGGCTGAAGTTCCGATTCGAGGGGAACGGGT  
ACTGGCTGCTGGTGTACGTGATGAACGTGTGCGGGGCGGGAGACATCGCGTCCAT  
GTCAGTCAAGGGCAGCAAGACCCAGTGGATCAAAATGAGCCACAACCTGGGGCGC  
GTCCTACCAGGCCTTCGCCACGCTCGGCGGCCAATCTCTTTCCTTCATGGTGACCT  
CCTACACTACTCACGAGACCGTCACTGCTTACAACGTCGCGCCCCGCCAACTGGCA  
GACCGGCATGACTTACTCATCCAAGGTCAATTTCAACTGA