

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

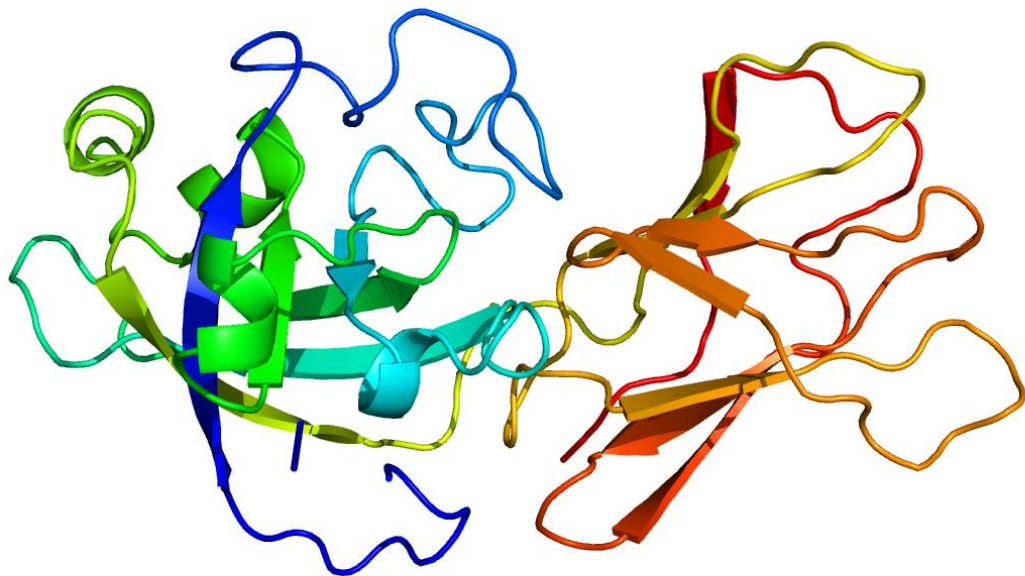
**Locus:** Kalax.0056s0134

**Gene Model:** Kalax.0056s0134.1.p

**Description:** KlEXPB-03

**Family:** Beta 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:-

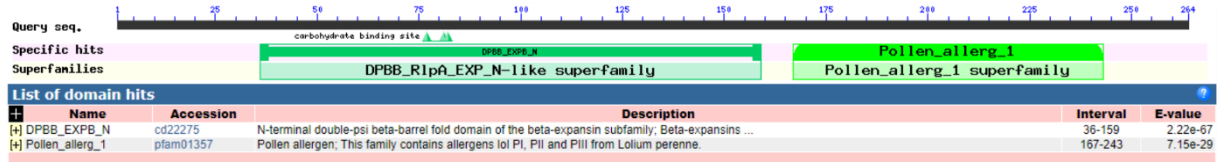
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPB-03

MQVPRSSSIWACMMVLLSVVELVVPAALLHLPNSSWQPATATWYGAPEDGSDGG  
ACGYGSLVDVKPFRARVGAVSPVLFQGGIGCGACYKVKCLDKRVCRRRAVTIVITD  
ECPGGYCSGGRTHFDLSGAAFGRMAVAGLGSNLRDRGVLPVIFRRTACKYPGKNIAF  
HVNEGSTNYWLSLLVEFEDGDGEVGAMHIKQAGSNQWVPMQHWGASWCINGGP  
LQGPFSVKLTTRSTGRTLSARDVIPSNWSPQATYTSRLNFY\*

### CDS (coding sequence)

>KIEXPB-03

ATGCAGGTCCCTAGAAGTAGCTCAATCTGGGCGTGCATGATGGTTTTGTTGTCCG  
TGGTTGAGCTTGTTCCTGCGGCTCTGCTTCACCTCCCAACTCTAGCTGGCAG  
CCCGCCACAGCCACCTGGTACGGCGCTCCAGAAGGTGATGGCAGCGACGGCGGC  
GCATGCGGGTACGGGTCGTTGGTGGATGTGAAGCCGTTTCGGGCGCGGGTTCGGA  
GCAGTGAGTCCGGTCTGTTCCAGGGCGGGATAGGGTGCGGCGCATGCTACAAA  
GTCAAGTGCTTAGACAAGCGCGTCTGCTCCAGACGTGCTGTGACTGTCATCGTCA  
CCGACGAGTGCCCCGGCGGGTACTGCTCAGGAGGCCGGACCCACTTCGACCTGA  
GCGGCGCAGCCTTCGGCCGCATGGCTGTCGCCGACTCGGGTCCAATTTGAGAGA  
CCGGGGCGTGCTGCCAGTCATTTTCGCAGGACGGCGTGTAATACCCAGGAAAG  
AACATAGCTTTCATGTGAACGAAGGCTCCACCAACTACTGGCTGTGCTGCTGG  
TCGAGTTTGAGGACGGTGACGGAGAAGTTGGTGCAATGCACATCAAACAAGCGG  
GGTCGAACCAGTGGGTGCCGATGCAGCATGTGTGGGGAGCGAGCTGGTGCATCA  
ATGGCGGACCACTACAAGGACCATTTTCAGTGAAATTGACAACACGGTCGACTGG  
CAGAACTTTGTCTGCTCGAGATGTGATTCCGTCCAAGTGGTCTCCCCAGGCTACCT  
ACACCTCTCGTTTGAACCTTACTGA

### Nucleotide

>KIEXPB-03

ATGCAGGTCCCTAGAAGTAGCTCAATCTGGGCGTGCATGATGGTTTTGTTGTCCG  
TGGTTGAGCTTGTTCCTGCGGCTCTGCTTCACCTCCCAACTCTAGCTGGCAG  
CCCGCCACAGCCACCTGGTACGGCGCTCCAGAAGGTGATGGCAGCGACGGTAAG

TGATGCCATCCTCATTATTTAGATTTTCTGAATTTTCGGAGTAGAACAACGTTTCT  
GTGCTCTGTTTTCTAAAGTGGGTTTTGTTTTAGTCCAGGCGGGCGCATGCGGGTACG  
GGTCGTTGGTGGATGTGAAGCCGTTTCGGGCGCGGGTTCGGAGCAGTGAGTCCGGT  
TCTGTTCCAGGGCGGGATAGGGTGCGGGCGCATGCTACAAAGTCAAGTGCTTAGAC  
AAGCGCGTCTGCTCCAGACGTGCTGTGACTGTCATCGTCACCGACGAGTGCCCCG  
GCGGGTACTGCTCAGGAGGCCGGACCCACTTCGACCTGAGCGGGCGCAGCCTTCGG  
CCGCATGGCTGTCGCCGGACTCGGGTCCAATTTGAGAGACCGGGGCGTGCTGCCA  
GTCATTTTTTCGCAGGTGAAGAAGAATGATTGATCACATTGAACATTCTGCCGACG  
CGAGCGTCGTTTTGTCAACTCAGTTATTGATGATTGTAICTCGTGGCAGGACGGCG  
TGTAATAACCCAGGAAAGAACATAGCTTTCCATGTGAACGAAGGCTCCACCAACT  
ACTGGCTGTCGCTGCTGGTCGAGTTTGAGGACGGTGACGGAGAAGTTGGTGCAAT  
GCACATCAAACAAGTAAGAATTCGAGAGAGTACCCACCCAGTCGCTTCTCAAATT  
CATCAATCTGTTTTGATCTTTGCGTGTGCGTTTAATCTCCAGGCGGGGTGGAACCA  
GTGGGTGCCGATGCAGCATGTGTGGGGAGCGAGCTGGTGCATCAATGGCGGACC  
ACTACAAGGACCATTTTCAGTGAAATTGACAACACGGTCGACTGGCAGAACTTTG  
TCTGCTCGAGATGTGATTCCGTCCAACCTGGTCTCCCCAGGCTACCTACACCTCTCG  
TTTGAACCTTCTACTGA