

## IDENTIFICATION

**Species:** *Kalanchoe laxiflora*

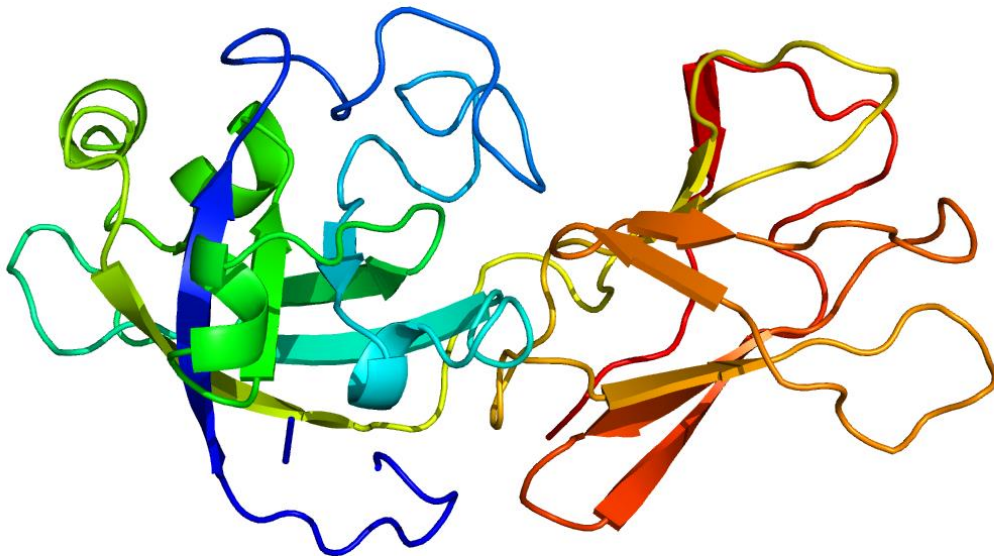
**Locus:** Kalax.0089s0086

**Gene Model:** Kalax.0089s0086.1.p

**Description:** KlEXPB-04

**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:-

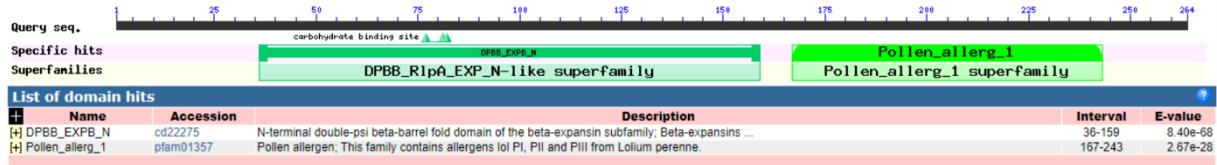
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KIEXPB-04

MQVPRSSSIWACMTVLLSVVELVVPATLLHLPNSSWQPATATWYGAPEGDGSDDGGA  
CGYGLVDVKPFRARVGA VSPVLFQGGIGCGACYKVKCLDKRVCSRRAVTVIVTDE  
CPGGYCSGGRTHFDLSGAAFRMAVAGLGSNLRDRGVLPVIFRRTACKYPGKNIAFH  
VNEGSTNYWLSLLVEFEDGDGEV GEMHIKQARSNQWVPMQHVWGASWCINGGPLQ  
GPFSVKLTTRSTGRTLSARDVIPSNWSPKATYTSRLNFY\*

### CDS (coding sequence)

>KIEXPB-04

ATGCAGGTCCCTAGAAAGTAGCTCAATCTGGGCGTGCATGACGGTTTTGTTGTTCGG  
TGGTTGAGCTTGTTCCTGCGACTCTGCTTCACCTTCCCAACTCTAGCTGGCAG  
CCCGCCACAGCCACCTGGTACGGCGCTCCAGAAGGCGATGGCAGCGACGGCGGC  
GCATGCGGGTACGGGTCGTTGGTGGATGTGAAGCCGTTCCGGGCGCGGGTTCGGA  
GCAGTGAGTCCGGTTCTGTTCCAGGGCGGGATAGGGTGCGGCGCATGCTACAAA  
GTCAAGTGCTTAGACAAGCGCTGCTCCAGACGTGCTGTGACTGTCATCGTCA  
CCGACGAGTGCCCCGGCGGGTACTGCTCAGGAGGCCGGACCCACTTCGACCTGA  
GCGGCGCAGCCTTCGGCCGCATGGCTGTCGCCGACTTGGGTCCAATTTGAGAGA  
CCGGGGCGTGCTGCCAGTCATTTTTCGCAGGACGGCGTGTAATACCCAGGAAAG  
AACATAGCTTTCCATGTGAATGAAGGCTCCACCAACTACTGGCTGTGCTGCTGG  
TTGAGTTTGAGGACGGTGACGGAGAAGTTGGTCAAATGACATTAACAAGCGA  
GGTCGAACCAGTGGGTGCCGATGCAGCATGTGTGGGGAGCGAGCTGGTGCATCA  
ATGGCGGACCACTACAAGGACCATTTTCAGTGAAATTGACAACACGGTTCGACTGG  
CAGAACTTTGTCTGCTCGAGATGTGATTCCGTCCAAGTGGTCTCCCAAGGCTACCT  
ACACCTCTCGTTTGAAGTTCTACTGA

### Nucleotide

>KIEXPB-04

ATGCAGGTCCCTAGAAAGTAGCTCAATCTGGGCGTGCATGACGGTTTTGTTGTTCGG  
TGGTTGAGCTTGTTCCTGCGACTCTGCTTCACCTTCCCAACTCTAGCTGGCAG  
CCCGCCACAGCCACCTGGTACGGCGCTCCAGAAGGCGATGGCAGCGACGGTAAG

TGATGCCATCCTCATTATTAGATTTTCTGAATTTTCGGAGTAGAACAACGTTTCTG  
TGCTCTGTTTTCTAAAGTGGTTTTTGTTTTTTGTCCAGGCGGCGCATGCGGGTACGG  
GTCGTTGGTGGATGTGAAGCCGTTCCGGGCGCGGGTCGGAGCAGTGAGTCCGGTT  
CTGTTCCAGGGCGGGATAGGGTGCGGCGCATGCTACAAAGTCAAGTGCTTAGAC  
AAGCGCGTCTGCTCCAGACGTGCTGTGACTGTCATCGTCACCGACGAGTGCCCCG  
GCGGGTACTGCTCAGGAGGCCGGACCCACTTCGACCTGAGCGGCGCAGCCTTCGG  
CCGCATGGCTGTCGCCGGACTTGGGTCCAATTTGAGAGACCGGGGCGTGCTGCCA  
GTCATTTTTCGCAGGTGAAGAAGAATGATTGATCACATTGAACATTCTGCCGACG  
CGAGCGTCGTTTTGTCAAGTCAGTTATTGATGATTGTACTTGTGGCAGGACGGCG  
TGTAATAACCCAGGAAAGAACATAGCTTTCCATGTGAATGAAGGCTCCACCAACT  
ACTGGCTGTCGCTGCTGGTTGAGTTTGGAGACGGTGACGGAGAAGTTGGTGAAT  
GCACATTAACAAGTAAGAATTCGAGAGTACCCACCCAGTCGCTGCTCAAATTCA  
TCAATCTGTTTTGATCTTTGCGTGTGCGTTTAATCTCCACTCCAGGCGAGGTCGAA  
CCAGTGGGTGCCGATGCAGCATGTGTGGGGAGCGAGCTGGTGCATCAATGGCGG  
ACCACTACAAGGACCATTTTCAGTGAAATTGACAACACGGTCGACTGGCAGAACT  
TTGTCTGCTCGAGATGTGATTCCGTCCAACCTGGTCTCCCAAGGCTACCTACACCTC  
TCGTTTGAACCTTCTACTGA