

## IDENTIFICATION

**Species:** *Kalanchoe fedtschenkoi*

**Locus:** Kaladp0091s0084

**Gene Model:** Kaladp0091s0084.1.p

**Description:** KfEXPB-05

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

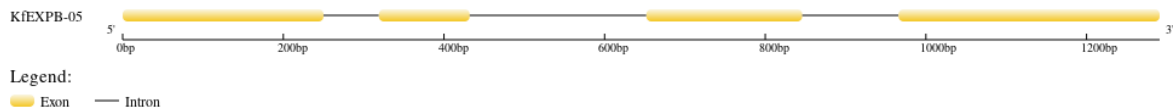
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi\\_v1\\_1](https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi_v1_1)

KEGG:-

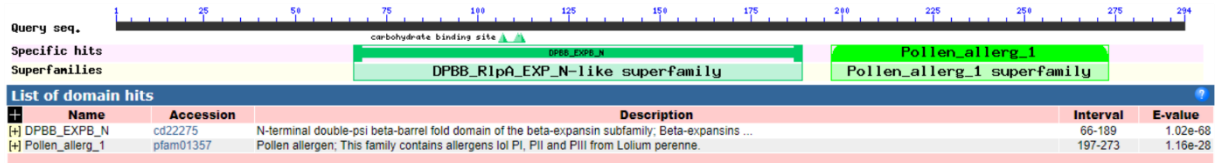
## EXTERNAL RESOURCES

-

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KfEXPB-05

MVNAVNLACKLQNLPMYVLVISCLMLMSYSAPYGFDGRTDPYADDVIIDSNVTLG  
SYVDAVASEWGPVAVATWYGEPLDGFSDGGACGYGADVVKAPFSSMVSAGGPSLFL  
SGKGCCTCYQVKCSANDACSGNPVTVVITDNCAGGPCASDATHFDLSGTAFGALAS  
SGQEDTLRNAGSIDIEFQRVECSYPETPLTFKIDSGSNPNYLAVLIEYVSGDGDVAQVE  
LQETSVSDSWLPMQQSWGAVWALNSGSPQLQGPFSIRITTSAADSLVAENVIPADWAA  
GGSYTADVSF\*

### CDS (coding sequence)

>KfEXPB-05

ATGGTCAACGCAGTCAACTTGGCCTGTAACTTGGTCAAAACCTGCCCATGTACG  
TTCTAGTCATCAGCTGTCTCATGCTCATGAGCTACTCAGCTCCCTACGGCTTTGAT  
GGAAGGACCGATCCTTACGCTGATGACGTCATCATTGACAGTAATGTCACGCTCG  
GGTCGTACGTTGACGCCGTGGCGAGCGAATGGGGGCCGGCTGTGGCCACCTGGT  
ACGGGGAGCCCGACGGCTTCGGAAGCGACGGCGGGGCTTGCGGATACGGAGCGG  
ATGTGGGGAAGGCTCCATTTTCGTCGATGGTGTTCGGCCGGAGGCCCGTCGCTGTT  
CCTCTCCGAAAAGGCTGCGGCACTTGTATCAGGTGAAATGTAGCGCCAACGAT  
GCGTGCTCCGAAATCCGGTGACCGTGGTCATCACGGACAATTGCGCCGGTGGAC  
CTTGCCTCCGATGCCACCATTTTCGATCTCAGCGGGACAGCCTTTGGAGCCCTC  
GCCTCCTCCGGCCAGGAGGATACATTACGCAATGCTGGAAGCATCGATATCGAAT  
TTCAAAGAGTTGAATGCAGTTATCCCGAAACACCGTTGACCTTCAAGATTGACAG  
CGGCTCCAACCCCACTACTTGGCCGTGCTGATCGAGTACGCTCCGGAGACGGC  
GACGTGGCCAGGTCGAGCTGCAGGAGACTTCCGTCTCGGACAGCTGGCTCCCCA  
TGCAGCAATCTTGGGGCGCGGTCTGGGCGCTCAACTCCGGATCCCCTCTCCAGGG  
CCCGTTCTCCATCCGGATCACCACTCCGCGGCTGATTCTCTAGTGGCTGAAAATG  
TCATCCCGGCCGACTGGGCGGCCGGAGGGAGTTACACGGCTGATGTCAGCTTCTG  
A

### Nucleotide

>KfEXPB-05

ATGGTCAACGCAGTCAACTTGGCCTGTAACTTGGTCAAAACCTGCCCATGTACG  
TTCTAGTCATCAGCTGTCTCATGCTCATGAGCTACTCAGCTCCCTACGGCTTTGAT  
GGAAGGACCGATCCTTACGCTGATGACGTCATCATTGACAGTAATGTCACGCTCG  
GGTCGTACGTTGACGCCGTGGCGAGCGAATGGGGGCCGGCTGTGGCCACCTGGT  
ACGGGGAGCCCGACGGCTTCGGAAGCGACGGTAACTGAAAATTGATTCAATGAA  
AATTAATGCAATCTTTAGTTTAAATTATTATTTGATGCCGTGTAGGCGGGGCTTGC  
GGATACGGAGCGGATGTGGGGAAGGCTCCATTTTCGTCGATGGTGTCCGGCCGGA  
GGCCCGTCGCTGTTCCCTCTCCGAAAAGGCTGCGGCACTTGCTATCAGGTGCGAT  
ATTGATATGACCATGCATGCATAAAGCCTCCATGAAATGATGCCTATATGGAACA  
GCATTTACATTTTAGCGACTAAATTAACCTTCAGCGACAAAATTTTGACAATT  
GCGACGAAATTGTCCTCATGTATTTGTTGGGTTGGATTTGATCATTTGATGCAAGT  
AACTTGTAAGAAATGGAAACATAATTTTGGTGCTTTTCCATTGATAGGTGAAATG  
TAGCGCCAACGATGCGTGCTCCGGAATCCGGTGACCGTGGTCATCACGGACAAT  
TGCGCCGGTGGACCTTGCGCCTCCGATGCCACCCATTTTCGATCTCAGCGGGACAG  
CCTTTGGAGCCCTCGCCTCCTCCGGCCAGGAGGATACATTACGCAATGCTGGAAG  
CATCGATATCGAATTTCAAAGGTGATAAAATTTTTTAATTAGTGAGATAACTTTAT  
AACGGTATAATTATTTTTTTTTAAAAAAAATTAATATACTGAACTGAGTTGAAT  
TGGACTGATATGCAATTTACAATGATGCAGAGTTGAATGCAGTTATCCCGAAACA  
CCGTTGACCTTCAAGATTGACAGCGGCTCCAACCCCACTACTTGGCCGTGCTGA  
TCGAGTACGTCTCCGGAGACGGCGACGTGGCCCAGGTTCGAGCTGCAGGAGACTT  
CCGTCTCGGACAGCTGGCTCCCCATGCAGCAATCTTGGGGCGCGGTCTGGGCGCT  
CAACTCCGGATCCCCTCTCCAGGGCCCGTTCTCCATCCGGATCACCACCTCCGCG  
GCTGATTCTCTAGTGGCTGAAAATGTCATCCCGGCCGACTGGGCGGCCGGAGGGA  
GTTACACGGCTGATGTCAGCTTCTGA