

## IDENTIFICATION

**Species:** *Kalanchoe fedtschenkoi*

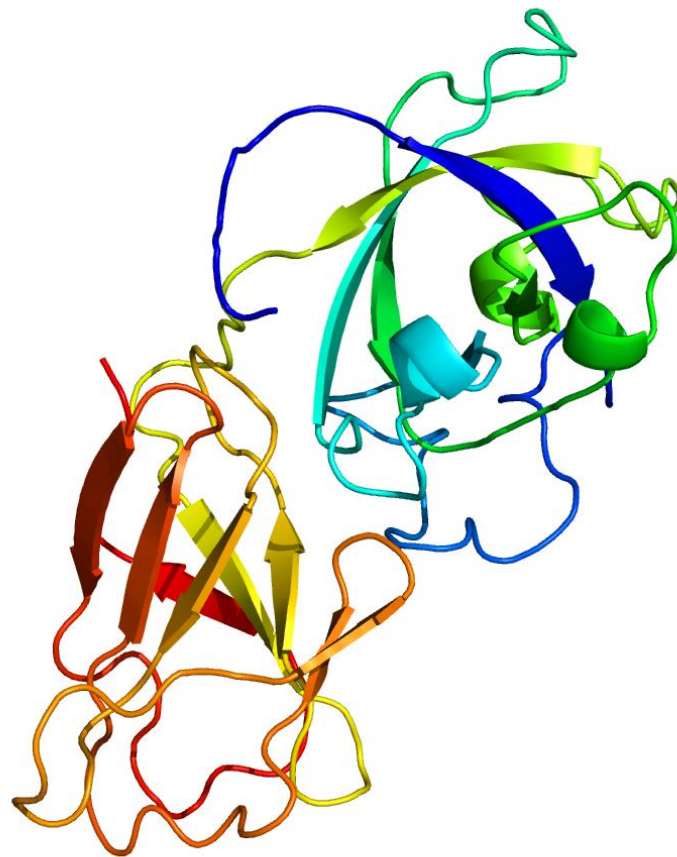
**Locus:** Kaladp0071s0184

**Gene Model:** Kaladp0071s0184.2.p

**Description:** KfEXPA-18

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

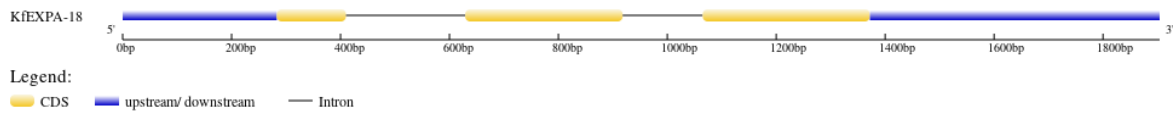
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi\\_v1\\_1](https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi_v1_1)

KEGG:-

## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE

Query seq. Superfamilies

PLN00050

Name	Accession	Description	Interval	E-value
PLN00050 super family	d31535	expansin A; Provisional	1-238	7.40e-134

## SEQUENCES

### Peptide

>KfEXPA-18

MVLAVVVCLSLLSMASVAYGSGGGWMTAHATFYGGGDASGTMGGACGYGNLYSQ  
GYGTNTAALSTAMFNGGLSCGSCYEIRCVNDRRWCLPGSIVVTATNFCPPNGWCSP  
NRHFDLSQPIFQHIAQYKSGIVPVA YRRVPCRRS GGIRFTINGHSYFNLVLTNVGGAG  
DVHAVSIKGSRTNWQPM SRNWGQNWQSNSYLNQSLSFKVTTS DGHTVVSYNVAP  
SGWSFGQTYSGAQIH\*

### CDS (coding sequence)

>KfEXPA-18

ATGGTTCCTTGCTGTGGTTGTGTGCCTGAGCTTGCTCTCCATGGCATCGGTTGCGTA  
CGGCTCTGGTGGAGGATGGATGACCGCTCACGCCACATTCTACGGCGGGGGAGA  
CGCTTCTGGGACTATGGGTGGAGCTTGCGGGTATGGGAACCTGTACAGCCAGGGC  
TACGGCACCAACACTGCAGCTCTGAGCACCGCCATGTTCAACGGCGGTCTAAGCT  
GCGGGTCTGCTACGAGATTAGATGCGTCAACGACAGGAGGTGGTGCCTTCCC GG  
CTCCATCGTCGTCACCGCCACCAACTTCTGCCCTCCAACGGCTGGTGCAGCCCTC  
CCAACCGCCACTTCGATCTCTCCAGCCCATCTTCCAGCACATTGCCAGTACAA  
GTCTGGAATCGTCCCCGTCGCCTACAGAAGGGTGCCGTGCAGGAGGAGTGGAGG  
GATCAGGTTACGATCAACGGCCACTCGTACTTCAACCTGGTGTGATCACCAAC  
GTGGGAGGAGCTGGGGACGTGCACGCGGTGTCGATCAAGGGCTCGAGGACAAAC  
TGGCAGCCCATGTCGAGAACTGGGGCCAGA ACTGGCAGAGCAACAGCTACCTC  
AACGGCCAGAGCCTGTCGTTCAAGGTCACCACGAGCGACGGCCACACCGTCTGCT  
CCTACAACGTCGCTCCCTCCGGCTGGTCCTTCGGCCAGACCTACTCCGGTGCCCA  
GATCCACTGA

### Nucleotide

>KfEXPA-18

TTGAGCTTCTAATAAAGCGTGCCAACACATTGGTTGACAGTAGTTGAATAGAGTC  
CCTCTCTGCTGGTTCAACTCTCAA ACTCTTCTATAAATTTGATCTCAGCTCCAGAC  
CCA ACTCCCACATTCCA ACTGCTCTCTACCTCCTCCACCAGTTTTTCATTCTCTCAG  
GCTCTGTGTAAGCTCTCTCTTAATTTCTGTGGAGTTATTGGGTTGAGATCGACTT  
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