

## IDENTIFICATION

**Species:** *Kalanchoe fedtschenkoi*

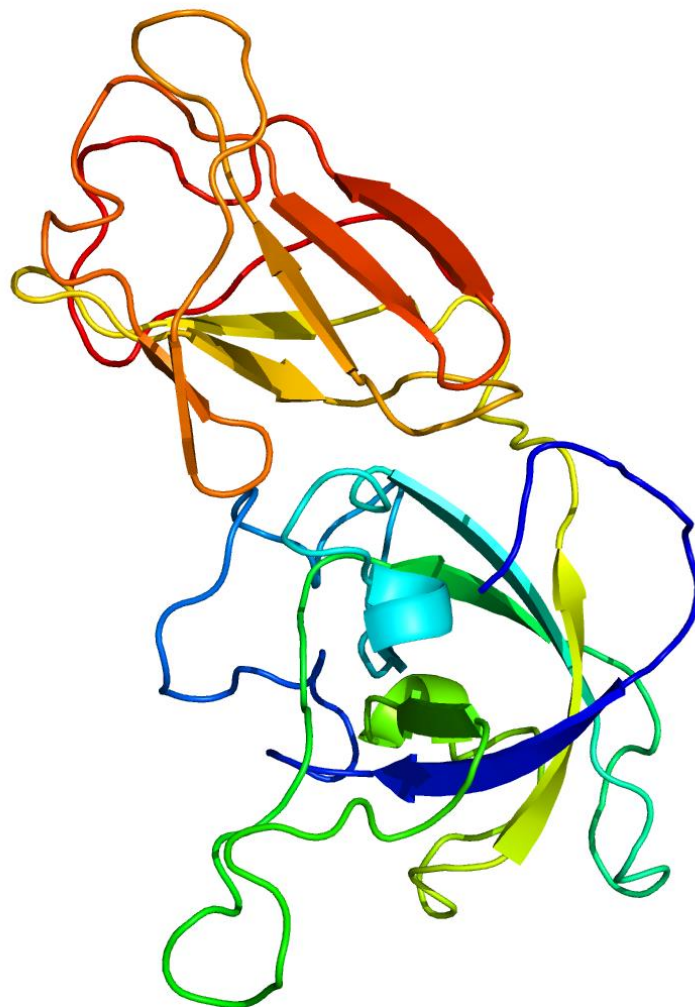
**Locus:** Kaladp1154s0001

**Gene Model:** Kaladp1154s0001.1.p

**Description:** KfEXPA-29

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

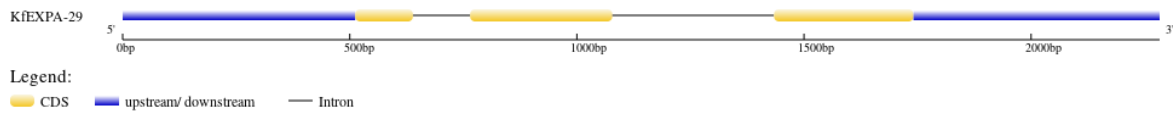
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi\\_v1\\_1](https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi_v1_1)

KEGG:-

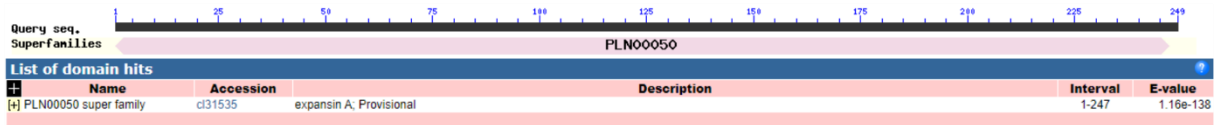
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KfEXPA-29

MGFVGLMLVGLVCLSSFADGYGGGWTDAAHATFYGGGDAAGTMGGACGYGNLYSQ  
GYGTNTAALSTAMFNGLSCGACFEIRC VNDKQWCLGGSIVVTATNFCPPNNALPN  
DAGGW CNPPLH HFDLSQPVFQ QIAHFRAGIVPVS YRRVPCQK KGGIRFTMNGHSYFN  
LVLITNVGGAGDVQSVSIKGSRTN WEPMSRNW GQNWQSSALLNGQALSFKVTTSDG  
HTITSYNVAPPNWSFGQTFAGQQFP\*

### CDS (coding sequence)

>KfEXPA-29

ATGGGTTTTGTGGGGCTGATGCTTGTGGGGTTGGTGTGTTGAGCTCGTTTGCTGA  
TGGGTATGGTGGAGGATGGACTGACGCTCATGCCACCTTTACGGCGGCGGGCGAT  
GCTGCTGGCACAATGGGCGGTGCATGCGGGTATGGAACTTATACAGCCAAGGA  
TATGGGACTAACACCGCTGCTCTCAGCACTGCCATGTTCAACAATGGGCTGAGCT  
GTGGAGCTTGTGTTTGTGAGATTAGGTGTGTGAACGACAAGCAATGGTGTCTTGGAGG  
GTCTATTGTGGTCACTGCTACTA ACTTCTGCCCCCAAATAACGCTCTCCC GAATG  
ATGCCGGAGGCTGGTGTAAACCCTCCTCTGCACCACTTCGATCTCTCTCAGCCTGTA  
TTCAACA AATCGCCACTTCAGGGCTGGAATTGTTCCCTGTTT CCTATAGAAGGGT  
ACCTTGCCAGAAGAAAGGAGGGATAAGGTTCACTATGAACGGCCACTCCTACTTC  
AACCTTGTGTTTGATAACAAATGTTGGAGGAGCAGGAGATGTCCAGTCCGTTTCCA  
TCAAGGGCTCCAGGACTAACTGGGAGCCCATGTCGAGAACTGGGGCCAAA ACT  
GGCAGAGCAGCGCCCTCCTCAACGGCCAAGCGCTGTCTTTCAAGGTCACCACCAG  
CGACGGCCACACTATCACCTCCTACAATGTTGCTCCTCCAAATTGGTCCTTCGGCC  
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### Nucleotide

>KfEXPA-29

CATGCCTGCAACAGCAAGGACCAGTCGCCAGACAAGACCAGAACTCCCTCAACA  
GGGTCTGACTGACATTTAGCTGCTACTAGTCCCTAAAACCCTAATCTCTGCCACCA  
CTTGCTCACTCTCTTACCCACCTTCCAACCTTAAAGTTGTCCCCTTTATCAATTC  
ACCACACACCCGTTTCCAATTTACAATGCCGCTACGCTTTACGACGCGGTCTTGA  
GCTTTACAACAATGCTAGCGGTTTGGGGTCCCCACACTGGAGGCCCCGAGAGTCC  
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ACTGCCATGTTCAACAATGGGCTGAGCTGTGGAGCTTGTTTTGAGATTAGGTGTG  
TGAACGACAAGCAATGGTGTCTTGGAGGGTCTATTGTGGTCACTGCTACTAACTT  
CTGCCCCCAAATAACGCTCTCCCGAATGATGCCGGAGGCTGGTGTAAACCCTCCT  
CTGCACCACTTCGATCTCTCTCAGCCTGTATTTCAACAAATCGCCACTTCAGGGC  
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GGTGAATGTCACACATCTCTATTGAAGATCAGAAGAGCTAATTATAAGTCTAA  
ACTTTTAGTCACCACAGTTATAGATTCTAGAGGAATTCCACCCAGTCATCTTTTTT  
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GTTTGCATTAGGCTTATTTTAAACCTTGTGTTTGTGCTGCTAAAGTTTCGAAGTGTC  
CCAGCTTTATTGGGTGTTAAGTTTAGCTGTCTGGTTTGTGTCATGACATGTTTTGA  
ACTTGAAAACCTTGTAAATGATGAAAATGTTTGTCTCTTGTGACCTAGTTTGA  
ACTTCC  
ATCGAGCAGAGGAACTGCTGGAGAAAACCAGTGGGCTTGATGTTGACTCACAT  
GTAACACACAT