

## IDENTIFICATION

**Species:** *Kalanchoe fedtschenkoi*

**Locus:** Kaladp0032s0333

**Gene Model:** Kaladp0032s0333.1.p

**Description:** KfEXPA-08

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

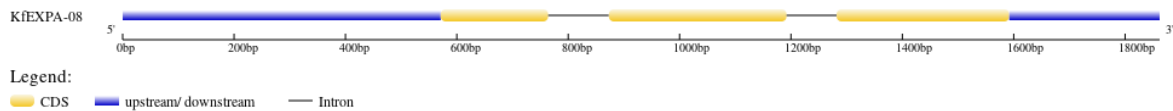
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi\\_v1\\_1](https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi_v1_1)

KEGG:-

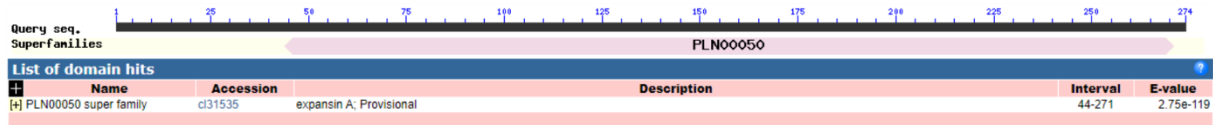
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KfEXPA-08

MGMTVFTKSNHLHYHCIA SVIIIFILSTELIYVADARLPGVFSGGPWQAAHATFYGGS  
DASGTMGGACGYGNLYSQYGVNTAALSTALFN SGFSCGACYEIKCASDPRWCHSG  
SPSIFITATNFCPPNYALPSDNGGWCNPPRANFDLAMP MFLKIAEYRAGIVPVS YRRV  
ACRKQGGIRFSINGFKYFNLVLITNVGGAGDVVS VSLKGSKTGWMTMSRNW GQNW  
QSNADLVGQALSFRVRGSDRRSSTS WNIAPPHWQFGQTF TGKNYRV\*

### CDS (coding sequence)

>KfEXPA-08

ATGGGAATGACTGTTTTACCAAGTCAAACCATCTGCACTACCACTGCATTGCTTC  
AGTTATTATCATCTTCATCCTCTCCACAGAGCTAATCTACGTGGCAGATGCCAGAC  
TCCCGGGTGTCTTCTCCGGAGGACCGTGGCAAGCTGCTCATGCCACTTCTATGGT  
GGCAGCGACGCCTCTGGCACTATGGGAGGAGCTTGTGGATATGGGAATTTGTACA  
GCCAAGGCTACGGAGTCAACACTGCAGCTCTAAGCACAGCATTGTTCAACAGCG  
GCTTCAGCTGTGGCGCCTGCTATGAAATTA AATGTGCCAGTGACCCGAGATGGTG  
CCATTCTGGAAGTCCCTCCATCTTCATCACCGCTACCAATTTCTGCCCTCCCACT  
ACGCCCTCCCAGCGACAACGGAGGTTGGTGCAATCCTCCCCGTGCCAATTTCGA  
CCTTGCCATGCCCATGTTCTTAAAATCGCAGAGTACCGCGCAGGCATTGTCCCA  
GTCAGTTACCGCCGGGTGGCTTGCCGGAAGCAGGGTGGGATAAGGTT CAGCATA  
AACGGATTCAAGTACTTCAACCTGGTACTTATAACGAATGTGGGCGGAGCAGGCG  
ACGTAGTGAGCGTGAGCCTCAAAGGTAGCAAACAGGGTGGATGACGATGAGCC  
GTA ACTGGGGACAAA ACTGGCAATCAAACGCGGACTTGGTGGGGCAAGCCTTGT  
CCTTCAGAGTCAGGGGAAGTGACAGGAGATCATCGACTTCATGGAACATCGCAC  
CCCCTCACTGGCAGTTTGGTCAA ACTTTC ACTGGCAAGAACTACAGAGTCTGA

### Nucleotide

>KfEXPA-08

CGCTTGTGCGCCTGTAATCACGGACCTGCTGGTTAGCTTACTACTTCCAATCTAT  
AAACATTTAATAGCTGCTTGATCCTAATTACCTACA ACTTTTACCTCAACTGAGTA  
CATCTGCTGTATTCAAGACTTCATCCCTTCTTCTTCACTGGCCGACAAGTTTAA  
AACAAAGTAATGTCTCCTCACC ACTAGTAGTTCTAGTATTACTTCCCCTCAATATG  
CAA ACTGATAACTAAACATTTACTGCTACCATTACTGCCAGGTTGCTACTTTACCG

ACAGAGACAAAGCAATGAAAATGAGGTTGCGGATCAGCCGATCATGTGTTTTTA  
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CAGACACATCATTATTCCTTCATCCACACCTTCCCCCTCTCTTTCCATTCCAGTAA  
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ACCATTCACTCATAATGGGAATGACTGTTTTACCAAGTCAAACCATCTGCACTA  
CCACTGCATTGCTTCAGTTATTATCATCTTCATCCTCTCCACAGAGCTAATCTACG  
TGGCAGATGCCAGACTCCCGGGTGTCTTCTCCGGAGGACCGTGGCAAGCTGCTCA  
TGCCACTTTCTATGGTGGCAGCGACGCCTCTGGCACTATGGGTAAAAGAAGATCT  
TATCCGTCTCCTGCTACTTATTAAGTGCCTGCTGGCCTTCATCTGGTCTGGCTCCTC  
CATGAATTTTCATGAATGTGAGTGTATTGTATCATGCAGGAGGAGCTTGTGGATAT  
GGGAATTTGTACAGCCAAGGCTACGGAGTCAACACTGCAGCTCTAAGCACAGCA  
TTGTTCAACAGCGGCTTCAGCTGTGGCGCCTGCTATGAAATTAATGTGCCAGTG  
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ATGTTTGGCTATAACACGGTGGTTGGTATTCGTAGGATTCCTTTTACTTTAGAACC  
ATAGTCCAGTACATATAATGCAATGAAAACGGAA