

## IDENTIFICATION

**Species:** *Kalanchoe fedtschenkoi*

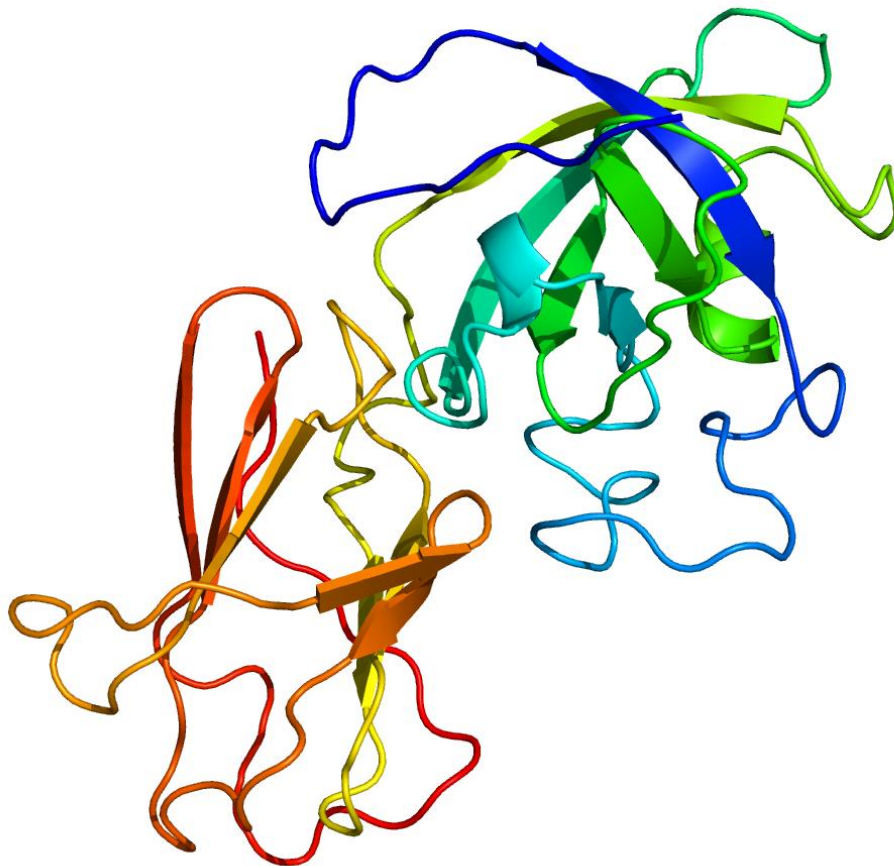
**Locus:** Kaladp0030s0149

**Gene Model:** Kaladp0030s0149.1.p

**Description:** KfEXPA-07

**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:-

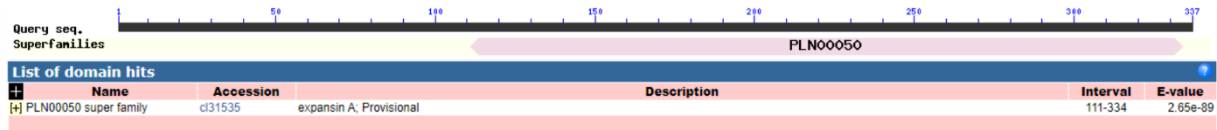
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>KfEXPA-07

MSAQQRPSNRFGKETSKAQKRDPNNGSFPSSSTFFFLPFFYVYFIFIYVLRAPKMVATL  
HHLSLPPRRRHHHHLLVITLTSFSLAAHESFSTSSPSAPASASASSDWSARATY  
YAAADPNEAVGGACGYGDLRAGYGLATAGLSQALFERGQICGACFQIKCVEDMR  
WCIPGTSIIVTATNFCAPNYGFTSEGGGHCPNPPNSHFVLPPIEAFEKIAIWKAGNMPVQY  
RRIKCRKEGGVRFSDGFGVVFISVLVTNVAGAGDITAMKIKGSRTGWLPMGRNWGQ  
NWHINADLKSQPLSFELTSSDGHTLTSYNVASRSWNFGQTFEGKQFES\*

### CDS (coding sequence)

>KfEXPA-07

ATGTCGGCCCAACAGCGGCCAGCAACCGGTTTGGTAAAGAAACCTCAAAGCA  
GAGCAAAGCGCGACCCCAACGGATCTTTTCCTTCCTCCACCTTCTTCTCCTCCT  
ACCCTTTTTTATGTTTACTTTATTTTTATTTATGTTTCTCAGAGCTCCAAAATGGT  
AGCAACGCTTCATCACTCACTCTCACCGCCACCACGCCGCCGCCACCACCACCAC  
CATCTTCTTGTCATCACGCTGACCACTTCATTTTCTTACTCGCCGCCCATGAGTCT  
TTCTCCACCTCCTCTCCCTCCGCCCCGCCTCCGCCTCCGCCTCCTCCGACTGGCG  
GTCGGCGCGCGCGACGTACTACGCGGCCGCGGATCCGAACGAGGCGGTGGGAGG  
AGCGTGCGGGTACGGCGATCTGAGCAGGGCTGGGTACGGGCTGGCCACGGCGGG  
GCTAAGCCAGGCGCTGTTTCGAGCGGGGCAGATCTGCGGGCGCCTGCTTCCAGATC  
AAATGCGTGGAGGACATGCGGTGGTGTATTCCTGGAACGTCGATCATCGTCACGG  
CCACGAATTTCTGCGCGCCGAACACTACGGGTTTACCAGCGAAGGCGGTGGACATTG  
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ATCTGGAAGGCTGGGAATATGCCTGTTTCAGTACAGGAGGATAAAGTGCAGGAAG  
GAAGGAGGCGTCCGATTCTCAGTCGATGGCTTTGGCGTCTTCATCTCAGTCCTGGT  
AACCAACGTAGCTGGTGCTGGCGACATAACAGCCATGAAAATAAAGGGTTCTAG  
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CGATCTGAAGAGCCAGCCTCTCTCATTGAGCTCACCAGCAGCGACGGTCATACT  
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### Nucleotide

>KfEXPA-07

GATTGGGCCAGCCCTTCAAATGTCGGCCCAACAGCGGCCAGCAACCGGTTTGGT  
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CGGCGCCTGCTTCCAGATCAAATGCGTGGAGGACATGCGGTGGTGTATTCTGGA  
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GCGAAGGCGGTGGACATTGTAATCCGCCGAATAGTCACTTCGTGCTTCCGATTGA  
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GGTAGTTAGGTTAAGTGAGTAGATAGTAGAAGCTTGGATCTCTAAAGTACATGGC  
GCCACATTGGCTGCTGACTGCTCTGAGACTAGTGAAGTGTGCTGGGTTAAGGATT  
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TTTTCGTGGCCGAACAAGTGGGAATGGGATTGTTTTTGTCCCTTATCTTCTTATGT  
GCTGTCACTTATGTATCTCATTGTTGCAGTCGAGTTTTAGTATTGTTTTACGAGTTC  
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