

IDENTIFICATION

Species: *Kalanchoe fedtschenkoi*

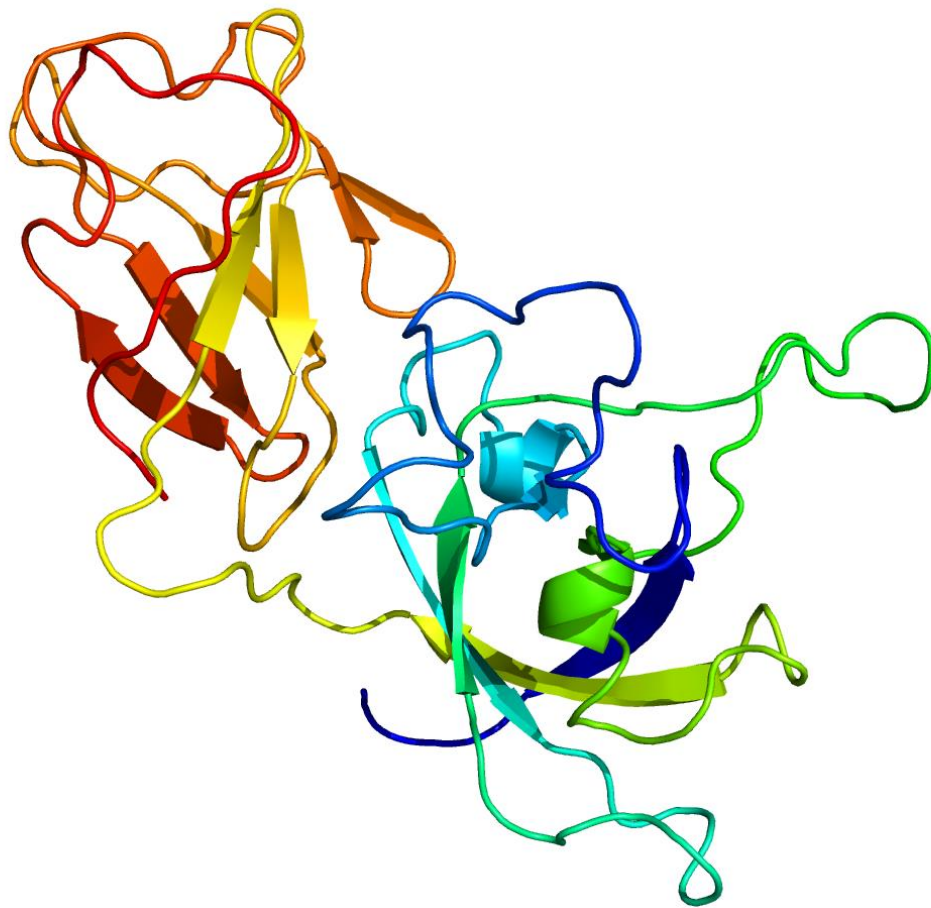
Locus: Kaladp0074s0082

Gene Model: Kaladp0074s0082.1.p

Description: KfEXPA-19

Family: Alpha Expansin

3D structure:



GENOME DATABASES

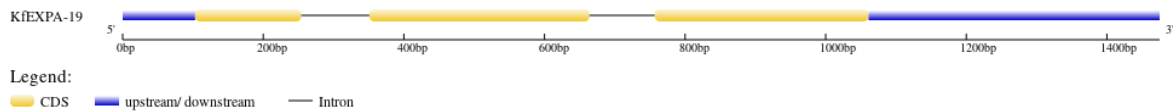
Phytozome: https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi_v1_1

KEGG:-

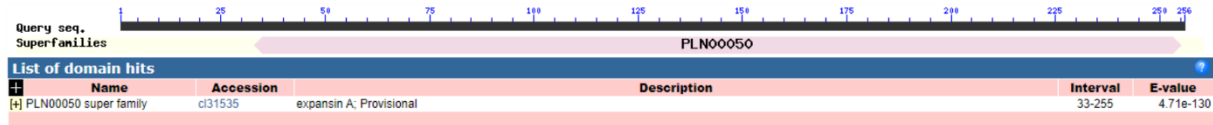
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KfEXPA-19

MKQKLSAASAFLLSLLFSCHFENRPVYADYGDWQPAHATFYGGDDASGTMGGACG
YDNLYSQGYGTNTAALSTALFNDGLSCGSCYEMQCRDDPQWCLPGTITVTATNFCPP
NPAQPNDGWCNPPPLQHFDMAEPAFLKIAQYKAGIVPVS YRRVPCA KSGGLHFTIN
GHSYFNLVLITNVAGAGDVRSVSVKGSNTEWQTMSRNWQNWQSN SYLNGQSLSF
QVTASDGRTVTNYDVAPSDWQFGQTFEGGQF*

CDS (coding sequence)

>KfEXPA-19

ATGAAGCAGAAGCTCTCGGCTGCCTCGGCCTTCTTGCTGTCTCTTCTCTTCTCGTG
CCATTTCTGCAACCGCCCGGTCTACGCCGACTACGGCGATTGGCAGCCCGCGCAC
GCCACCTTCTACGGCGGCGATGACGCTTCCGGCACAATGGGGGGGGCTTGTGGGT
ACGATAACCTGTACAGCCAGGGCTACGGCACCAACACGGCGGGCGCTCAGCACTG
CGCTGTTCAACGACGGCCTGAGCTGCGGATCATGCTACGAGATGCAGTGTAGGGA
TGACCCGCGAGTGGTGTCTTCCGGGCACTATCACCGTCACCGCCACAACTTCTGC
CCTCCAACCCGGCCCAACCAACGACGACGGCGGCTGGTGCAACCCTCCCCTCC
AGCATTTCGACATGGCCGAGCCCGCATTTCTCAAGATCGCCCAATACAAGGCCGG
AATCGTTCCTGCTCTTATAGAAGAGTTCCTGTGCGAAGAGCGGAGGCCTGCAT
TTCACGATCAACGGACACTCTTACTTCAACCTGGTCCTGATCACCAACGTGCGCCG
GGGCCGAGATGTGCGCTCAGTTTCCGTCAAGGGGTCCAACACAGAATGGCAA
CCATGTCAAGAACTGGGGGCAAAATTGGCAAAGCAACTCTTACCTCAATGGAC
AGAGTCTCTCGTTTCAAGTCACAGCCAGTGACGGAAGAACCGTGACAAATTATGA
CGTGGCGCCATCTGATTGGCAGTTTGGACAAACTTTCGAAGGTGGCCAGTTTTAA

Nucleotide

>KfEXPA-19

ACATCTCCAGTCCAAACCTCATCTTCCCCTAGCTGCCTCACAAACCCTAGCTACG
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GAAGCTCTCGGCTGCCTCGGCCTTCTTGCTGTCTCTTCTCTTCTCGTGCCATTTCTG
CAACCGCCCGGTCTACGCCGACTACGGCGATTGGCAGCCCGCGCACGCCACCTTC
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CGGAGGCCTGCATTTACGATCAACGGACACTCTTACTTCAACCTGGTCCTGATC
ACCAACGTCGCCGGGGCCGGAGATGTGCGCTCAGTTTCCGTCAAGGGGTCCAACA
CAGAATGGCAAACCATGTCAAGAACTGGGGGCAAATTGGCAAAGCAACTCTT
ACCTCAATGGACAGAGTCTCTCGTTTCAAGTCACAGCCAGTGACGGAAGAACCGT
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