

IDENTIFICATION

Species: *Kalanchoe fedtschenkoi*

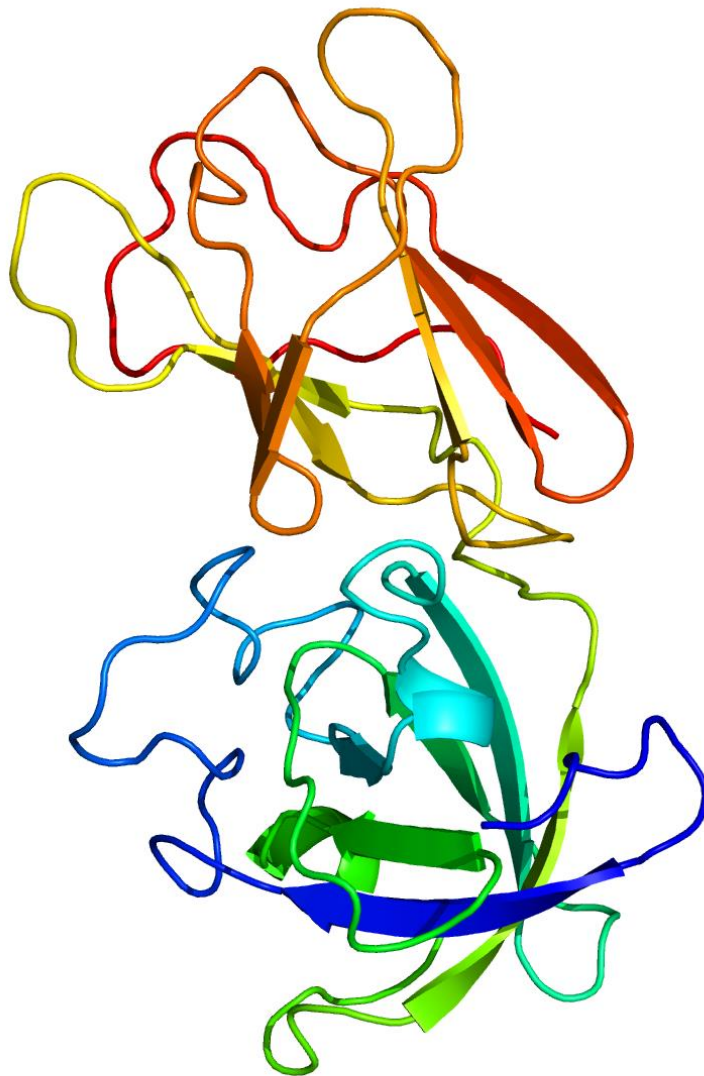
Locus: Kaladp0045s0407

Gene Model: Kaladp0045s0407.1.p

Description: KfEXPA-12

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

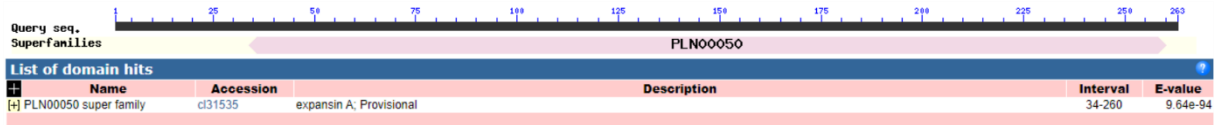
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KfEXPA-12

MAPSTLLFFLNTLLLSASVNARIPGVFTAGEWQIAHATFYGGSDASGTMGGACSY
GNLYSQGYGVNTAALSTALWCHPGSPSIFITATNFCPPNFAQPSDDDGCNPPRPHFD
LAMPMFLKIAEYRAGIVPVTYRRLGGDIKYKINLAGISHLIKIYGVPCRKAGGIRFTVN
RFKYFNLVLVINVAGAGDIVRVSIGARTNWLSMSKNWGQNWQSNVAVLVGQALFF
RVTGSDRRRTSTSWNAALASWEFSQTFDKNFRV*

CDS (coding sequence)

>KfEXPA-12

ATGGCACCTCCACGCTCCTCCTTCTTCCTCAATACTACGCTGCTTCTCTCCGCC
TCTGTGAACGCTCGCATCCCCGGCGTGTTACCGCCGGCGAATGGCAGATCGCGC
ATGCCACCTTCTATGGCGGCAGCGACGCATCCGGCACAATGGGGCGGAGCTTGCAG
TTATGGGAAGTGTACAGCCAAGGGTACGGCGTGAACACGGCTGCTCTGAGCACT
GCCCTATGGTGCCACCCTGGTAGCCCTCCATCTTCATCACTGCCACCAACTTCTG
TCCCCCAACTTCGCTCAGCCAAGCGACGACGACGGATGGTGCAACCCTCCTCGC
CCGCATTTTGACCTCGCCATGCCATGTTCTTAAAATCGCCGAGTACCGTGCTGG
CATTGTCCCCGTCACCTACCGACGGTTAGGAGGGGATATTAAGTATAAAATAAAC
CTAGCAGGAATCTCACACTTGATCAAAATTTACGGAGTACCCTGTCGGAAAGCTG
GAGGGATCCGCTTACCGTCAACAGATTCAAGTATTTCAACCTGGTCCTCGTGAT
TAATGTCGCCGGCGCCGGAGATATCGTCCGCGTGAGCATTAAAGGGCGCTAGGACC
AACTGGTTAAGCATGAGCAAAAACCTGGGGGCAAACTGGCAGTCCAACGCCGTT
CTGGTCGGCCAAGCTCTCTTCTTCCGCGTCACCGGCAGCGACCGTTCGCACATCCA
CCTCCTGGAACGCCGCGCTCGCCAGCTGGGAGTTCAGCCAGACATTCACCGACAA
GAATTCAGGGTCTGA

Nucleotide

>KfEXPA-12

ATGGCACCTCCACGCTCCTCCTTCTTCCTCAATACTACGCTGCTTCTCTCCGCC
TCTGTGAACGCTCGCATCCCCGGCGTGTTACCGCCGGCGAATGGCAGATCGCGC
ATGCCACCTTCTATGGCGGCAGCGACGCATCCGGCACAATGGGTAACCACCTCAA
CTCAAATCGACAACAGATTCCTCTCCAGTGCCGGCTAACTATTGTTTTTCAGGCGG

AGCTTGCAGTTATGGGAACTTGTACAGCCAAGGGTACGGCGTGAACACGGCTGCT
CTGAGCACTGCCCTGTTAAAACAATGGGCTCAGTTGCGGTGCTTGTTTTGAGATG
AAATGCGCTGACGACCCAGATGGTGCCACCCTGGTAGCCCCTCCATCTTCATCA
CTGCCACCAACTTCTGTCCCCCAACTTCGCTCAGCCAAGCGACGACGACGGATG
GTGCAACCCTCCTCGCCCGCATTTTGACCTCGCCATGCCCATGTTCCCTTAAAATCG
CCGAGTACCGTGCTGGCATTGTCCCCGTCACCTACCGACGGTACGCCCATACCCA
ACTTCAAAAACCTTTTTACCGACAGCCATCCACCTCCAAAGTCATGCCATTTTGTAT
AATAAACCTCCACCGCGGATGGGATCTGGTTTCCTCTTTGTGACACTAGTTAGCTA
GCTAGCTCTGGATCGAGTAGGAGTAGAGAGTAATTGTGTAGTTGTAGTTCCCAGC
TTTACTAAATACTTAATTACTAGTTAGTATAGGTTAGGAGGGGATATTAAGTATA
AAATAAACCTAGCAGGAATCTCACACTTGATCAAAATTTACGGAGTACCCTGTGCG
GAAAGCTGGAGGGATCCGCTTCACCGTCAACAGATTCAAGTATTTCAACCTGGTC
CTCGTGATTAATGTCGCCCGGCGCCGGAGATATCGTCCGCGTGAGCATTAAAGGGCG
CTAGGACCAACTGGTTAAGCATGAGCAAAAACCTGGGGGCAAAAACCTGGCAGTCCA
ACGCCGTTCTGGTCGGCCAAGCTCTCTTCTTCCGCGTCACCGGCAGCGACCGTCG
CACATCCACCTCCTGGAACGCCGCGCTCGCCAGCTGGGAGTTCAGCCAGACATTC
ACCGACAAGAATTCAGGGTCTGA