

IDENTIFICATION

Species: *Kalanchoe fedtschenkoi*

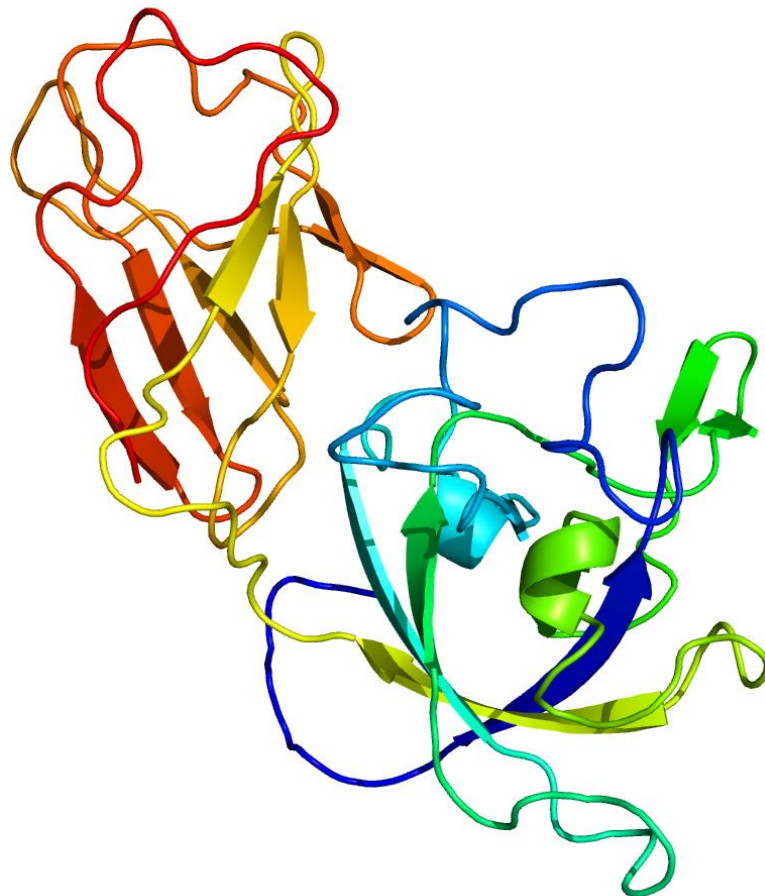
Locus: Kaladp0011s0994

Gene Model: Kaladp0011s0994.1.p

Description: KfEXPA-03

Family: Alpha Expansin

3D structure:



GENOME DATABASES

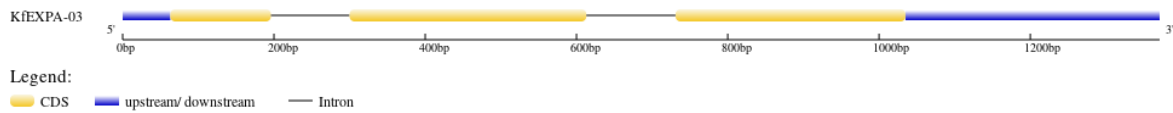
Phytozome: https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi_v1_1

KEGG:-

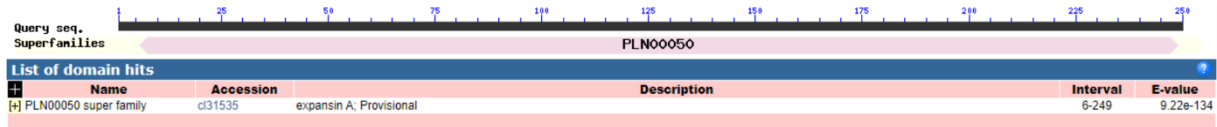
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KfEXPA-03

MELGPLLLSAIITLSLLRHSLADYGGWQSAHATFYGGGDASGTMGGACGYGNLYSQ
GYGTDTAALSTALFNGLSCGSCYQMKCND DPKWCLPGTITVTATNFCPPNFALAN
DNGGWCNPPLQHFDLAEP AFLKIAQYRAGIVPVAFRRVPCVKKGGIRFTINGHSYFNL
VLITNVAGAGDVHSVSIKGSRTGWQAMSRNWGQNWQSN SYLNGQSLSFRVTASDG
RTVTSYNVAPSGWQFGQTFQGGQF*

CDS (coding sequence)

>KfEXPA-03

ATGGA ACTTGGGCCTCTCCTCCTCCGCCATCATCACTCTCTCACTCCTCCGCCA
CTCCCTAGCTGACTACGGCGGCTGGCAGTCCGCCACGCCACCTTTACGGCGGC
GGCGACGCCTCCGGCACTATGGGCGGGGCTTGCGGGTATGGGAATCTGTACAGCC
AGGGATACGGCACCGACACCGCCGCTCTCAGCACCGCTCTCTTAAACAACGGCCT
TAGCTGCGGCTCCTGCTACCAAATGAAATGCAATGACGATCCCAAATGGTGCCCTC
CCCGGCACCATCACCGTCACCGCCACCAACTTCTGCCCTCCCAACTTCGCCCTCGC
CAACGACAACGGCGGCTGGTGCAACCCTCCCCTCAGCACTTCGACCTCGCCGAG
CCCGCCTTCCTCAA AATCGCCAGTACCGAGCCGGCATCGTCCCCGTCGCCTTCC
GCAGAGTGCCGTGCGTGAAGAAGGGAGGGATCAGGTTTACCATAAACGGACACT
CCTACTTCAATCTGGTTCTGATCACCAACGTCGCCGGAGCCGGAGACGTGCACTC
GGTGTCCATCAAGGGATCCAGGACTGGGTGGCAAGCCATGTCCAGAAACTGGGG
CCAGA ACTGGCAGAGCAACTCGTACCTAACGGGCAGAGCCTCTCCTTCAGAGTC
ACCGCCAGTGACGGAAGAACCGTCACAAGCTACAACGTGGCTCCTTCTGGTTGGC
AGTTTGGTCAAACATTCCAAGGTGGTCAGTTCTAA

Nucleotide

>KfEXPA-03

CCAAACCAAACACA ACTCTCCTCTCCTCTCATTTTCTCTCTTTCTTCCAAGCTGCTA
GCTCACATGGA ACTTGGGCCTCTCCTCCTCCGCCATCATCACTCTCTCACTCCT
CCGCCACTCCCTAGCTGACTACGGCGGCTGGCAGTCCGCCACGCCACCTTTAC
GGCGGCGGCGACGCCTCCGGCACTATGGGTCACCCCTCCCTCTCTTTTATCAC
GTTCTAGATTTCTAATTATGATTAACAGGTGCTTACTATTAGTTATTAACACTATG

TTGCTTGCTTGATTGATCAGGCGGGGCTTGCGGGTATGGGAATCTGTACAGCCAG
GGATACGGCACCGACACCGCCGCTCTCAGCACCGCTCTCTTTAACAACGGCCTTA
GCTGCGGCTCCTGCTACCAAATGAAATGCAATGACGATCCCAAATGGTGCCTCCC
CGGCACCATCACCGTCACCGCCACCAACTTCTGCCCCTCCCAACTTCGCCCTCGCCA
ACGACAACGGCGGCTGGTGCAACCCTCCCCTCCAGCACTTCGACCTCGCCGAGCC
CGCCTTCCTCAAATCGCCCAGTACCGAGCCGGCATCGTCCCCGTCGCCTTCCGC
AGGTTTGAAGTGCCTCAAATTACAAAATTACACTGCGCATCAATATCATGGTTGG
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TGAAACAGAGTGCCGTGCGTGAAGAAGGGAGGGATCAGGTTTACCATAAACGGA
CACTCCTACTTCAATCTGGTTCTGATCACCAACGTCCGCCGGAGCCGGAGACGTGC
ACTCGGTGTCCATCAAGGGATCCAGGACTGGGTGGCAAGCCATGTCCAGAAACT
GGGGCCAGAAGTGGCAGAGCAACTCGTACCTCAACGGGCAGAGCCTCTCCTTCA
GAGTCACCGCCAGTGACGGAAGAACCGTCACAAGCTACAACGTGGCTCCTTCTGG
TTGGCAGTTTGGTCAAACATTCCAAGGTGGTCAGTTCTAATTTAATCACACACTAC
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TGTGAAAATTGATCGAGTAATATATGAAGAGAAGCCAGTGGTTTAGAAAGGTGTT
GCTGAGGTGTCAGTATGTGATTGGCGCCCGCTAAAAACATCATTATACGATGGTA
TTAATTGGCACGTAGTCTTATCGATGGATTGTATTAGATTTTCAAATTAGTGACAA
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ACTTTCGAATAAGATTCCTTTTTTATACTCCCTGTGTTTCGTTT