

IDENTIFICATION

Species: *Kalanchoe fedtschenkoi*

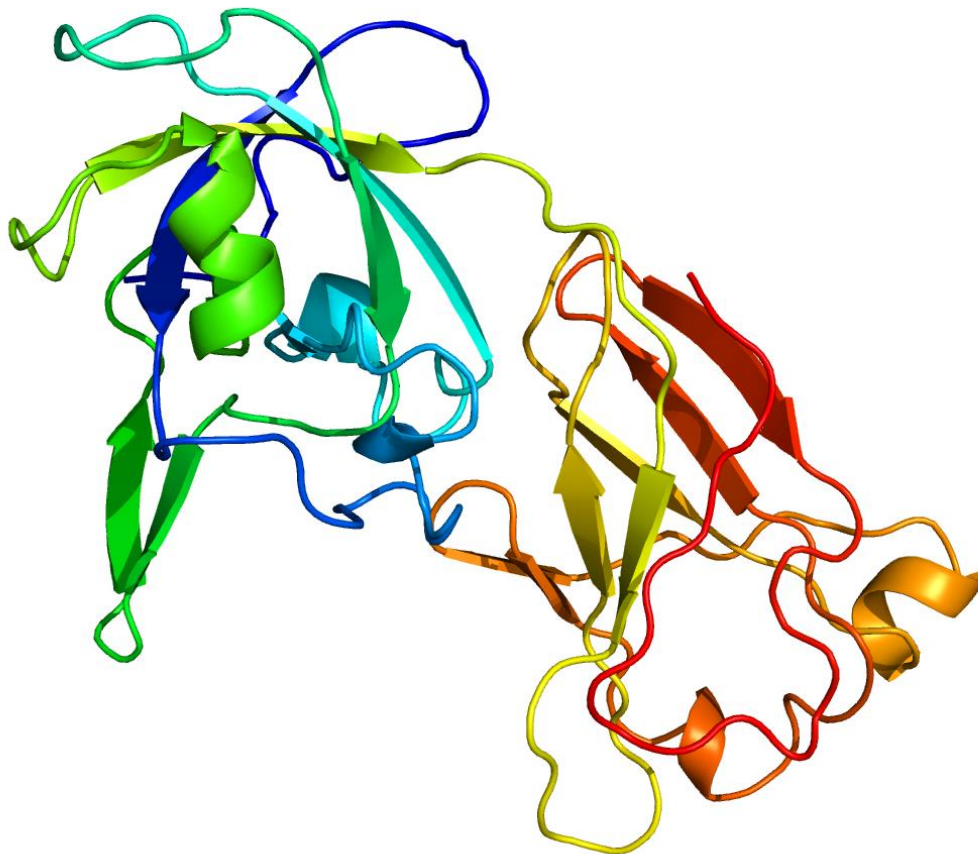
Locus: Kaladp0039s0394

Gene Model: Kaladp0039s0394.1.p

Description: KfEXPA-11

Family: Alpha Expansin

3D structure:



GENOME DATABASES

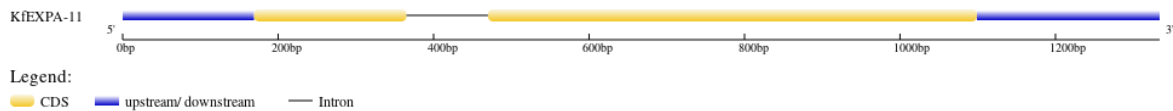
Phytozome: https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi_v1_1

KEGG:-

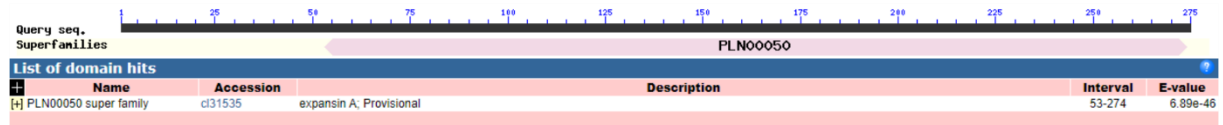
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KfEXPA-11

MLHKSHLLPVPSYSKQPQNIMACPQPVFLFLLLA VVLSLAASFTTVSCQDGDWDSAN
ATSTFNGQDLAGCGFENQTEYKGMTVA VSAAMYENKTCGACFEIRCNGSSACLPK
TIQVTAAKSCAASYFNGTRNWCQEPRKHFELPTSIFSSISNDEGAVVPVQFRRVTCDR
QGGMRFRLLGSGETVGV MVY NVGGTGEVVDVKMKGDSSAAAASGWVEMINGDDQ
RWVTADRMSSLSGQSLFRVTSSNGTVIECMNVAPKDWKFGESYEGDQF*

CDS (coding sequence)

>KfEXPA-11

ATGCTTCACAAATCACATCTGCTTCCAGTTCATCATATTCCAAACAACCCAGAG
ATATAATGGCTTGCCCCCAACCAGTTTTCCTTTTCCTATTGTTGGCTGTTGTACTCT
CTCTTGCTGCATCTTTCACCACCGTCTCATGTCAGGACGGTGACTGGGATTCAGCC
AATGCAACTTCCACCTTCAACGGCCAAGACTTGGCAGGTTGCGGTTTCGAGAATC
AGACCGAGTACAAAGGCATGACGGTGGCGGTCAGCGCAGCTATGTACGAAAACG
GGAAAACATGCGGGGCTTGCTTCGAGATAAGATGCAACGGCAGCTCAGCCTGCC
TGCCCAAACCATCCAAGTGACCGCAGCCAAATCCTGCGCAGCCAGCTACTTCAA
CGGCACACGGAAGTGGTGTCAAGAACCCCGCAAGCACTTCGAGCTCCCCACCTCC
ATCTTCTCATCCATCTCCAACGATGAAGGGGCGGTTGTGCCGTTTCAGTTCAGGA
GAGTGACTTGTGACAGACAAGGGGGCATGCGGTTTCAGGCTGTTGGGCAGCGGTG
AGACTGTGGGAGTGATGGTGTATAATGTGGGTGGGACTGGGGAGGTTGTGGATG
TGAAGATGAAAGGGGATTCGTCAGCGGCGGGCGGCGAGCGGGTGGGTGGAGATGA
TAAACGGGGATGATCAGCGATGGGTCACTGCAGACAGGATGTCATCGCTGTCTGG
GCAAAGCCTGTCGTTTCGAGTCACCTCAAGCAATGGGACAGTGATTGAGTGTATG
AATGTTGCACCTAAAGACTGGAAATTTGGAGAATCTTATGAAGGAGATCAATTCT
AG

Nucleotide

>KfEXPA-11

AAAGTGCTGCTGCTTGACCAATCCACCAAAAACAAAATAGGTTGGAAATAAACA
CCAGTTGACATCATGAGGCAATCAAAGTTGACAAAATTTAATCCCAATCACACGC
ACCTTCACACCTGAAATCTGTAAAACCCATAACTAGACACGCTATAAATAGAATA
CATAAATGCTTCACAAATCACATCTGCTTCCAGTTCATCATATTCCAAACAACCC

CAGAATATAATGGCTTGCCCCCAACCAGTTTTTCCTTTTCCTATTGTTGGCTGTTGT
ACTCTCTCTTGCTGCATCTTTCACCACCGTCTCATGTCAGGACGGTGACTGGGATT
CAGCCAATGCAACTTCCACCTTCAACGGCCAAGGTACATGCATATGCATAACTAC
TTTGGTATTAATACTATTTATCATGCTAAAAGTTGTGTTTAGTTAAAAATGGGTTT
TTTTGTACGTTGGGAAAATTTCAACAGACTTGGCAGGTTGCGGTTTCGAGAATCA
GACCGAGTACAAAGGCATGACGGTGGCGGTCAGCGCAGCTATGTACGAAAACGG
GAAAACATGCGGGGCTTGCTTCGAGATAAGATGCAACGGCAGCTCAGCCTGCCT
GCCAAAACCATCCAAGTGACCGCAGCCAAATCCTGCGCAGCCAGCTACTTCAAC
GGCACACGGAAGTGGTGTCAAGAACCCCGCAAGCACTTCGAGCTCCCCACCTCCA
TCTTCTCATCCATCTCCAACGATGAAGGGGCGGTTGTGCCGGTTCAGTTCAGGAG
AGTGACTTGTGACAGACAAGGGGGCATGCGGTTTCAGGCTGTTGGGCAGCGGTGA
GACTGTGGGAGTGATGGTGTATAATGTGGGTGGGACTGGGGAGGTTGTGGATGT
GAAGATGAAAGGGGATTCGTCAGCGGCGGCGGCGAGCGGGTGGGTGGAGATGAT
AAACGGGGATGATCAGCGATGGGTCACTGCAGACAGGATGTCATCGCTGTCTGG
GCAAAGCCTGTCGTTTCGAGTCACCTCAAGCAATGGGACAGTGATTGAGTGTATG
AATGTTGCACCTAAAGACTGGAAATTTGGAGAATCTTATGAAGGAGATCAATTCT
AGTCGACTTTCAGCAGCAACAAACTGAAGCAGTTTTTTTTCATTTTTCTTATCTCAC
CTCACAAATAACTTGTCTTTTGAGACGACTCTTATGTTTCATTTTCACCATTTTCCT
TTTTTTTCTTCCTCAATAAAAATATTAAGATGATATTATTGTTCTGACAATACGA
ATGATTATGAAGATCAGACTTAAAATGCATCATCTAGAGACACCAAATTTCCAGT
ACATCTGGTTCTA