

IDENTIFICATION

Species: *Kalanchoe fedtschenkoi*

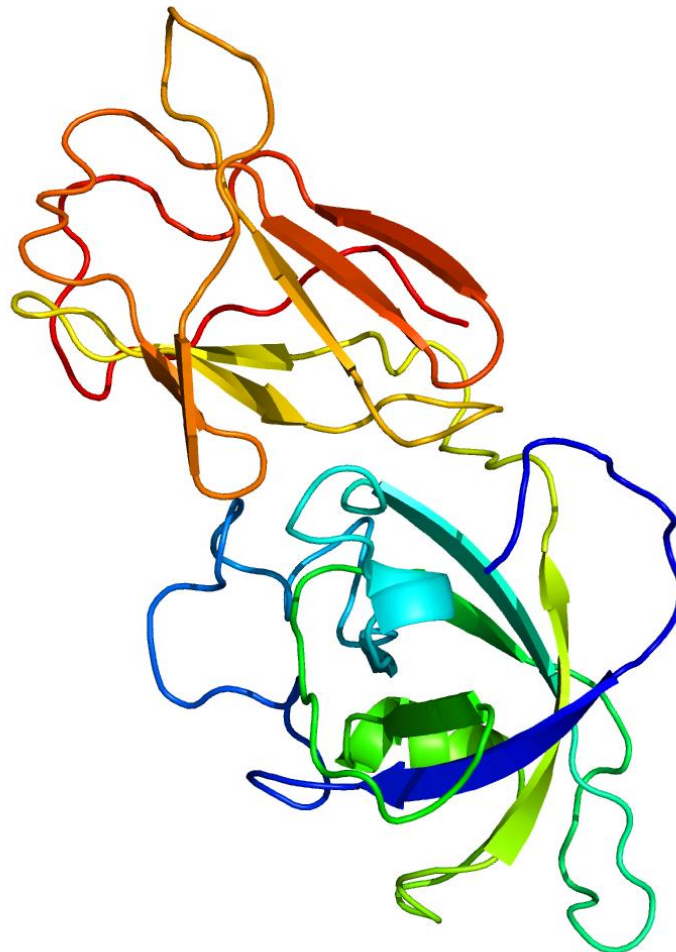
Locus: Kaladp0003s0086

Gene Model: Kaladp0003s0086.1.p

Description: KfEXPA-02

Family: Alpha Expansin

3D structure:



GENOME DATABASES

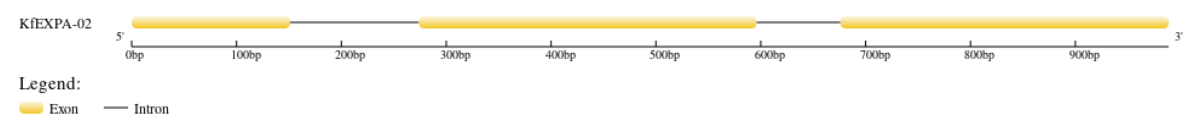
Phytozome: https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi_v1_1

KEGG:-

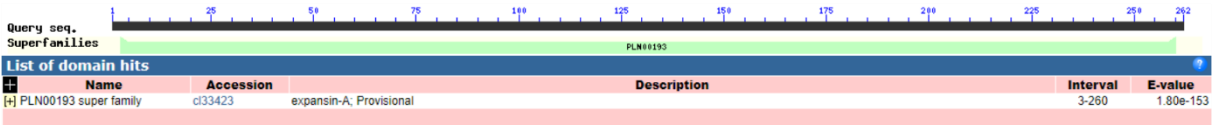
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KfEXPA-02

MASASIALAMVYLATLAFAMRSFLT VNGFTASAWTTGHATFYGGSDASGTMGGACG
YGNLYSTGYGTRTAALSTALFNDGASCGQCFKIICDYKNDPKWCRKGYSVTITATNF
CPPNYAQANDDGGWCNPPLKHFDMAQPAWEKIGIYSGGIPIIYQRPCKKHGGVRF
TINGRDYFELVLITNMGGSGAIKSISVKGSKANTWSAMSRNWGANWQSNLYLNGQT
LSFQVTTDDGVTKIFSNI VPSGWTFGQTFSSSLQFS*

CDS (coding sequence)

>KfEXPA-02

ATGGCATCCGCAAGCATTGCGTTGGCAATGGTTTACTTGGCTACTCTATTCGCTAT
GCGCTCTTTCCTTACTGTCAATGGCTTCACAGCTTCCGCCTGGACTACAGGCCACG
CCACGTTTTATGGAGGCAGTGATGCTTCTGGAACAATGGGCGGCGCTTGTGGATA
CGGGAACCTTGTACTCGACCGGCTATGGAACAAGGACAGCAGCTCTGAGCACAGC
ATTGTTCAATGATGGAGCTTCATGTGGCCAATGCTTCAAGATCATCTGTGACTAC
AAAAATGACCCTAAGTGGTGCCGGAAGGCTACTCTGTCACCATCACCGCCACCA
ATTTCTGCCCACCAA ACTATGCGCAGGCCAACGACGACGGTGGCTGGTGCAATCC
GCCCCTCAAGCACTTCGACATGGCTCAGCCAGCCTGGGAGAAGATCGGTATCTAC
AGCGGTGGAATCATCCCCATCATATACCAAAGAGTTCCATGCAAGAAACACGGA
GGGGTTAGGTTTACGATCAATGGAAGAGACTACTTTGAGCTAGTGCTGATCACCA
ACATGGGAGGAAGTGGAGCGATCAAGTCGATTTCGGTGAAGGGATCCAAAGCTA
ATACTTGGAGTGCAATGTCCAGAAACTGGGGCGCAA ACTGGCAATCCA ACTTGTA
CCTCAACGGCCAGACTCTATCGTTTCAAGTCACGACGGACGACGGTGTGACCAAA
ATCTTCTCAAACATAGTCCCCTCCGGATGGACTTTCGGACAGACCTTTTCCAGCTC
TCTCCAATTCAGTTGA

Nucleotide

>KfEXPA-02

ATGGCATCCGCAAGCATTGCGTTGGCAATGGTTTACTTGGCTACTCTATTCGCTAT
GCGCTCTTTCCTTACTGTCAATGGCTTCACAGCTTCCGCCTGGACTACAGGCCACG
CCACGTTTTATGGAGGCAGTGATGCTTCTGGAACAATGGGTATGGTTCAAGATCT
CAACTTTCTCAACAATTTCTCATTTCAACTAGACAACATATAACCAGATTAGCTAC
ATGGCGGCTTGTGTGACTGAATGTTTCCGTTTCGGTAAATGTTTGATTCTAGGCGG

CGCTTGTGGATACGGGAACTTGTACTCGACCGGCTATGGAACAAGGACAGCAGCT
CTGAGCACAGCATTGTTCAATGATGGAGCTTCATGTGGCCAATGCTTCAAGATCA
TCTGTGACTACAAAAATGACCCTAAGTGGTGCCGGAAAGGCTACTCTGTCACCAT
CACCGCCACCAATTTCTGCCACCAAACCTATGCGCAGGCCAACGACGACGGTGGC
TGGTGCAATCCGCCCTCAAGCACTTCGACATGGCTCAGCCAGCCTGGGAGAAGA
TCGGTATCTACAGCGGTGGAATCATCCCCATCATATACCAAAGGTAATGTACCTT
AGGTTTAAAATTTTAATAAAAATTTTTTTTATATATTTATTATATGATTAAGAAGCA
TGCTTCTTGCAGAGTTCCATGCAAGAAACACGGAGGGGTTAGGTTTACGATCAAT
GGAAGAGACTACTTTGAGCTAGTGCTGATCACCAACATGGGAGGAAGTGGAGCG
ATCAAGTCGATTTTCGGTGAAGGGATCCAAAGCTAATACTTGGAGTGCAATGTCCA
GAAACTGGGGCGCAAACCTGGCAATCCAACCTGTACCTCAACGGCCAGACTCTATC
GTTTCAAGTCACGACGGACGACGGTGTGACCAAAATCTTCTCAAACATAGTCCCC
TCCGGATGGACTTTCGGACAGACCTTTTCCAGCTCTCTCCAATTCAGTTGA