

IDENTIFICATION

Species: *Kalanchoe fedtschenkoi*

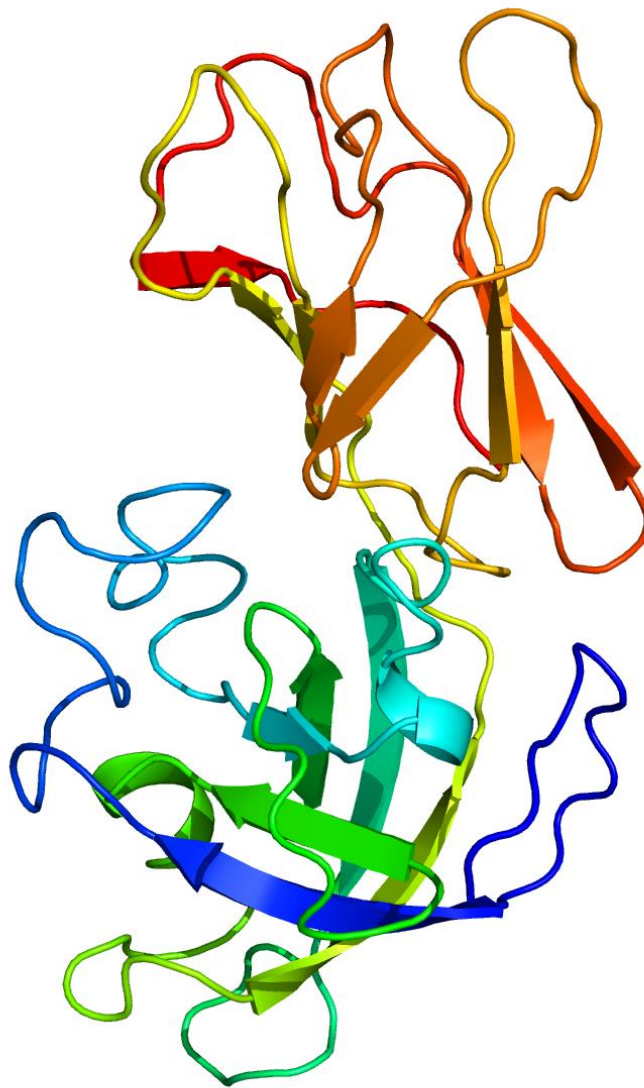
Locus: Kaladp0101s0095

Gene Model: Kaladp0101s0095.1.p

Description: KfEXPA-24

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

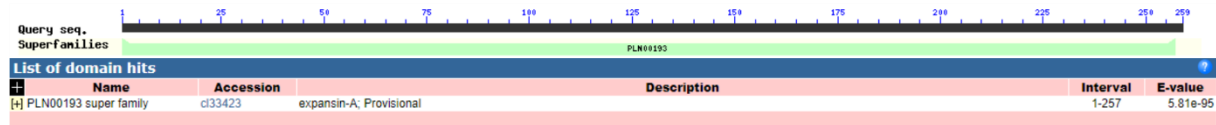
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KfEXPA-24

MASLLGLVLPLMGLVAALFTRGVNGTFYAQPWQMAHATFYGDETASETMGGACGY
GNLFQNGYGTATAALSSVLFNNGYACGECFQIKCYGSPNCYKGYPFTKITATNLCP
NWSQDSNNGGWCNPPRQHFDMSKPAFMQIANWKAGIVPVMYRRVPCAKAGGLKF
RFEGNGYWLLVYVMNVSGAGDIASMSVKGSKTQWIKMSHNWGASYQAFATLGGQ
SLSFMVTSYTTTHETVTAYNVAPANWQTGMTYSSSVNFN*

CDS (coding sequence)

>KfEXPA-24

ATGGCTTCTCTTCTCGGCCTCGTCTTGCCGCTAATGGGGCTCGTCGCGGCGCTCTT
CACGCGGGGAGTCAACGGTACCTTCTACGCCAGCCTTGGCAGATGGCCACGCT
ACATTTTACGGCGACGAGACCGCTTCCGAAACCATGGGGGGGGCTTGCGGATATG
GGAACCTGTTCCAGAACGGGTACGGGACAGCTACGGCGGGCGCTGAGCTCGGTGC
TGTTCAACAATGGATACGCGTGC GGGGAGTGCTTTT CAGATAAAGTGCTACGGATC
GCCCAACTGCTACAAGGGATATCCTTTACGAAAATCACAGCTACGAACCTCTGC
CCGCCAACTGGAGCCAGGACTCCAACAACGGAGGCTGGTGCAACCCTCCCAGA
CAACATTTTCGACATGTCCAAGCCCGCTTTCATGCAGATCGCCAACCTGGAAGGCCG
GCATCGTCCCAGTCATGTACCGCAGGGTGCCTTGC GCGAAGGCGGGAGGGCTGA
AGTTCCGATTCGAGGGGAACGGGTACTGGCTGCTGGTGTACGTGATGAATGTGTC
GGGGCGGGAGACATCGCGTCCATGTCAGTCAAGGGCAGCAAGACCCAGTGGAT
CAAAATGAGCCACAACCTGGGGCGCGTCTTACCAGGCCTTCGCCACGCTCGGCGGC
CAATCTCTTTCTTCATGGTGACCTCCTACTACTCACGAGACCGTCCACGGCTTA
CAACGTCGCGCCCGCCAACCTGGCAGACCGGCATGACTTACTCATCCAGTGTCAAT
TTCAACTGA

Nucleotide

>KfEXPA-24

ATGGCTTCTCTTCTCGGCCTCGTCTTGCCGCTAATGGGGCTCGTCGCGGCGCTCTT
CACGCGGGGAGTCAACGGTACCTTCTACGCCAGCCTTGGCAGATGGCCACGCT
ACATTTTACGGCGACGAGACCGCTTCCGAAACCATGGGTATGTTACAGACCTTTC
ATTTTCTGTCTTGAAGAATTTTCAACTAATTATTCATGACAGTGAATAGAATTCTC
GTTTGAGTTTCTGACTTATTTTTTATTGTTGGATTTTTAGGGGGGGCTTGCGGATA

TGGGAACCTGTTCCAGAACGGGTACGGGACAGCTACGGCGGGCGCTGAGCTCGGT
GCTGTTCAACAATGGATACGCGTGCGGGGAGTGCTTTCAGATAAAGTGCTACGGA
TCGCCCAACTGCTACAAGGGATATCCTTTCACGAAAATCACAGCTACGAACCTCT
GCCCGCCCAACTGGAGCCAGGACTCCAACAACGGAGGCTGGTGCAACCCTCCA
GACAACATTTGACATGTCCAAGCCCGCTTTCATGCAGATCGCCAACCTGGAAGGC
CGGCATCGTCCCAGTCATGTACCGCAGGTGCTGAGATAGATCAGTTTCTATTTTG
ATATTATCAGAATTATATTCCAGCAGTATCCTGATAGAAAAACATAAACTTAATT
TCAAATTGTCGATCGGTTGTACGTTGTTTAGTAACTGACGATGTGGTCGGACATGT
TGTAGGGTGCCTTGCGCGAAGGCGGGAGGGCTGAAGTTCCGATTTCGAGGGGAAC
GGTACTGGCTGCTGGTGTACGTGATGAATGTGTCGGGGGCGGGAGACATCGCGT
CCATGTCAGTCAAGGGCAGCAAGACCCAGTGGATCAAAATGAGCCACAACCTGGG
GCGCGTCCCTACCAGGCCTTCGCCACGCTCGGCGGCCAATCTCTTTCCTTCATGGTG
ACCTCCTACACTACTCACGAGACCGTCACGGCTTACAACGTCGCGCCCGCCAAC
GGCAGACCGGCATGACTTACTCATCCAGTGTCAATTTCAACTGA