IDENTIFICATION

Species: *Kalanchoe fedtschenkoi*

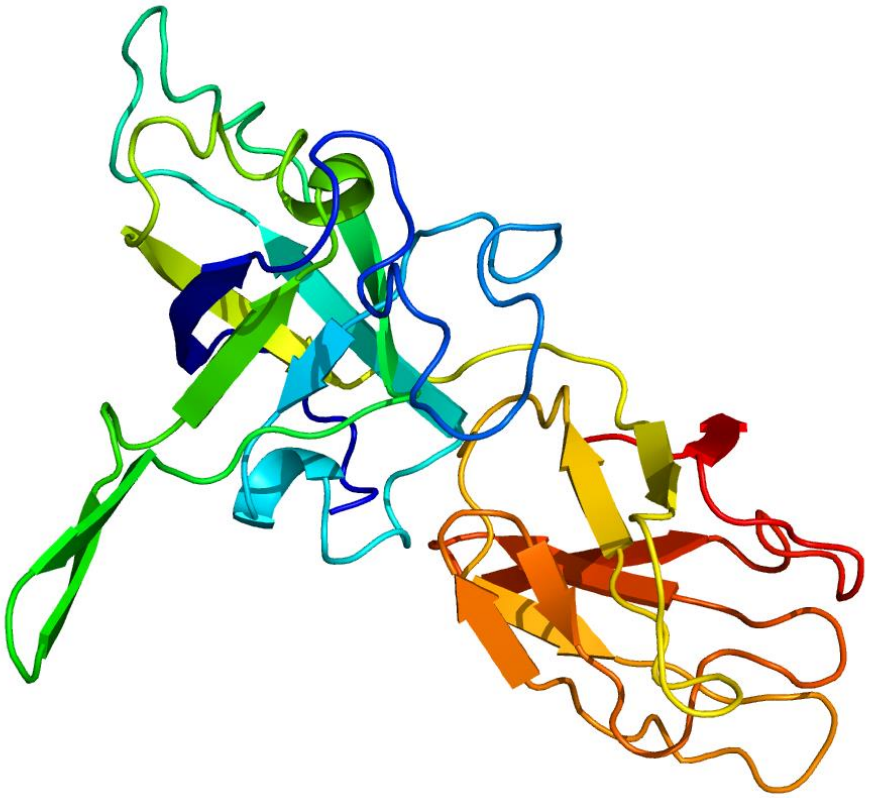
Locus: Kaladp0068s0359

Gene Model: Kaladp0068s0359.1.p

Description: KfEXPA-16

Family: Alpha Expansin

3D structure:



GENOME DATABASES

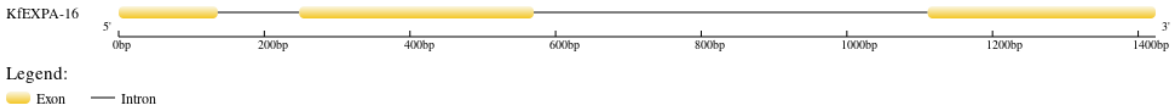
Phytozome: https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi_v1_1

KEGG:-

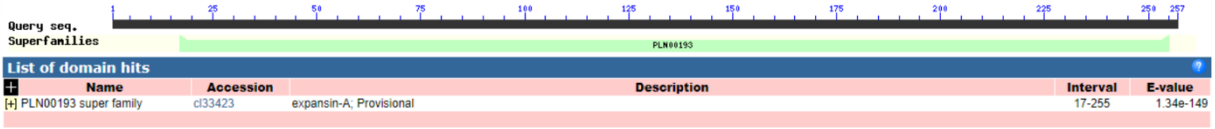
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KfEXPA-16

MASASLALAALFAMCSFLTANGFTASAWASAHATFYGGSDASGTMGGACGYGNLY
STGYGTRTAALSTALFNNGASCGQCFKIICDFKKDPTWCRKGYSVTVTATNYCPPNY
AQANDNGGWCNPPLKHFDMAQPAWEKIGIYRGGIIPVIYQRVPCQKRGGVRFTINGR
DYFELVLISNVGGSGAIKSISVKGSKTNTWSVMSRNWGANWQSNLYLNGQALSFQV
TTDDGVTKIFSNVVPSGWTFGQTFSSSLQFT*

CDS (coding sequence)

>KfEXPA-16

ATGGCGTCAGCAAGTCTTGCACTGGCTGCTCTATTTGCTATGTGCTCTTTTCTTAC
TGCCAATGGCTTCACAGCTTCCGCCTGGGCTTCAGCTCACGCCACGTTTTACGGTG
GCAGTGATGCTTCTGGAACAATGGGCGGCGCTTGTGGATATGGGAACTTGTACTC
GACCGGCTACGGGACGAGGACAGCAGCCTTGAGCACGGCATTGTTCAACAATGG
AGCGTCGTGTGGGCAGTGCTTCAAGATCATATGTGACTTCAAGAAAGACCCTACA
TGGTGCAGGAAAGGCTATTCCGTCACCGTCACCGCCACCAACTACTGCCCGCCAA
ATTACGCCCAGGCCAACGACAACGGCGGCTGGTGCAACCCACCCCTCAAGCATTT
CGACATGGCCCAGCCAGCCTGGGAGAAGATTGGTATCTACAGAGGCGGCATTAT
CCCCGTCATATACCAAAGAGTTCCATGCCAGAAGCGGGGAGGGGTGCGGTTTAC
GATCAACGGAAGGGACTACTTTGAGCTGGTGCTGATCAGTAATGTAGGTGGGAGT
GGAGCCATCAAGTCGATTTCGGTCAAGGGATCCAAAACAAATACTTGGAGTGTA
ATGTCTAGAAACTGGGGTGCAAACTGGCAGTCCAATCTGTACCTCAACGGCCAGG
CTCTGTCGTTCCAAGTCACAACGGACGACGGTGTCACCAAGATCTTCTCAAACGT
CGTCCCCTCCGGCTGGACCTTCGGACAGACCTTTTCCAGCTCCCTCCAATTCACAT
GA

Nucleotide

>KfEXPA-16

ATGGCGTCAGCAAGTCTTGCACTGGCTGCTCTATTTGCTATGTGCTCTTTTCTTAC
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GCAGTGATGCTTCTGGAACAATGGGTATGGGTCAAGATTTCAACTTTGTGTTATTC
AACTAGATATCTGACCGCATTGATTACGTGGCGGCTCATGTGACTGATGTTTCAT

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GACCGGCTACGGGACGAGGACAGCAGCCTTGAGCACGGCATTGTTCAACAATGG
AGCGTCGTGTGGGCAGTGCTTCAAGATCATATGTGACTTCAAGAAAGACCCTACA
TGGTGCAGGAAAGGCTATTCCGTCACCGTCACCGCCACCAACTACTGCCCGCCAA
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CGACATGGCCCAGCCAGCCTGGGAGAAGATTGGTATCTACAGAGGCGGCATTAT
CCCCGTCATATACCAAAGGTATGTATATATATTTGCGCAGGCATAAAGAATTTGA
TTTTTTATCAAATGTGATTTTTTCGTTTAATTTTCTATCATGTGTGAACTCCGTTTG
GTTTGTTTTCCATACTAACCTTTTCACAGTTCTGAAATTCGAAAATTCCTATTATTT
TCGTTGTTCGCAACCGCGAAAATTTCATGTGATTTTCGCACTTCGTGACTGCGAAA
AATCATATGTCCGCGAGAATTAAGCGGACAATGACGTGAAATGTTTTTAGGGTTT
CAATTTTCGCTGTTACGAAGTGCGAAAATCACAGAGAATTTTTCTAAAATGATAG
AGATTTTCGCAGTTCCGAACAGCGAAAAGGTCAATATGGAAAACAAACGAAACA
GAGGTTTAGAAATGATGGAGAATGAAGCGAAAAAGTCACATTTGATAAAAAATC
AAAGAATTCAGCATTCAGAATTTCTACTAAAATCAAAATTTTCGGCGTTTGAATT
CCCTGATGATTAGCTGTGTGCGTTTTTTAGTATTTTTTGACTGATGATCGGCTATTT
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TCACAACGGACGACGGTGTCACCAAGATCTTCTCAAACGTCGTCCCCTCCGGCTG
GACCTTCGGACAGACCTTTTCCAGCTCCCTCCAATTCACATGA