IDENTIFICATION

Species: *Kalanchoe laxiflora*

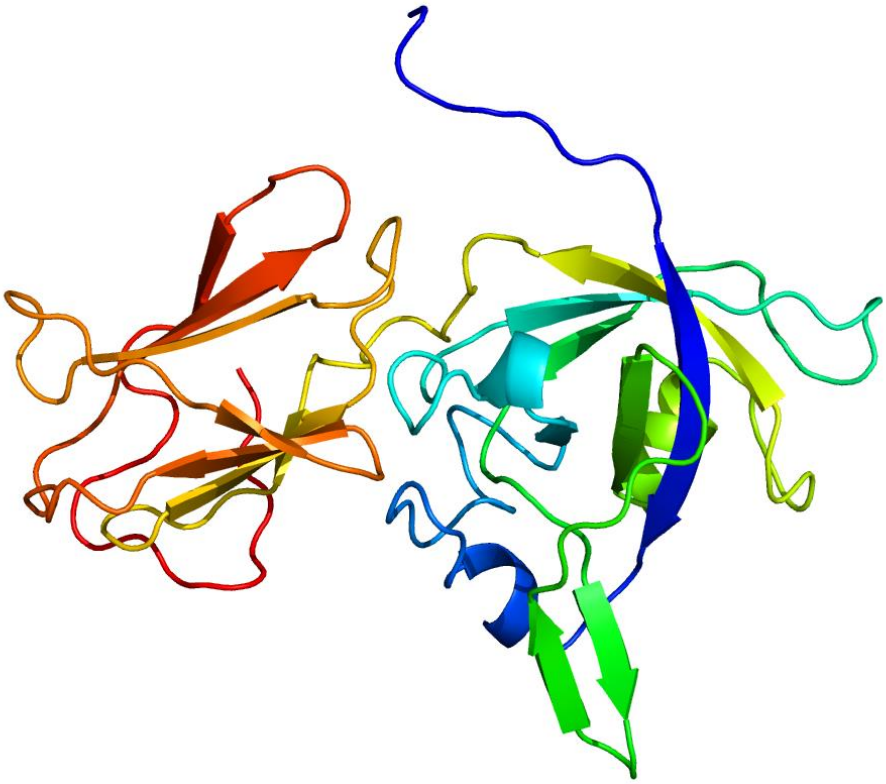
Locus: Kalax.0049s0128

Gene Model: Kalax.0049s0128.1.p

Description: KlEXPA-16

Family: Alpha Expansin

3D structure:



GENOME DATABASES

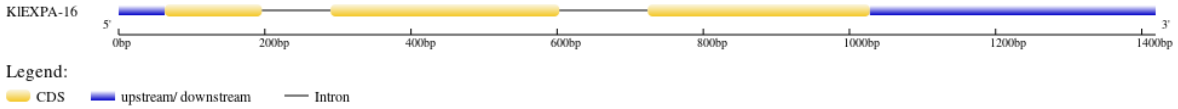
Phytozome: https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1

KEGG:-

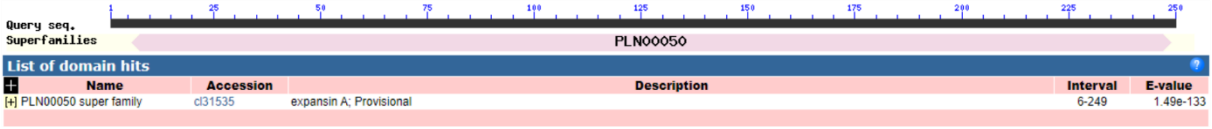
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KlEXPA-16

MELGPLLLSAITTLLLFPHSLADYGGWQSAHATFYGGGDASGTMGGACGYGNLYSQ
GYGTDTAALSTALFNNGLSCGSCYQMKCNDDPKWCLPGTITVTATNFCPPNFALAN
DNGGWCNPPLQHFDLAEPAFLKIAQYRAGIVPVAFRRVPCVKKGGIRFTINGHSYFNL
VLITNVAGAGDVHSVSIKGSRTGWQAMSRNWGQNWQSNSYLNGQSLSFRVTASDG
RTVTSYNVAPSGWQFGQTFQGGQF*

CDS (coding sequence)

>KlEXPA-16

ATGGAACTTGGGCCTCTCCTCCTCTCCGCCATCACCACTCTCTTACTCTTCCCCCA
CTCCCTAGCTGACTACGGCGGCTGGCAGTCCGCCCACGCCACCTTTTACGGCGGC
GGCGACGCCTCCGGCACTATGGGCGGGGCTTGCGGGTATGGGAATCTGTACAGCC
AGGGATACGGCACCGACACCGCCGCTCTCAGCACCGCTCTCTTTAACAACGGCCT
CAGCTGCGGCTCCTGCTACCAAATGAAATGCAATGACGATCCCAAATGGTGCCTC
CCCGGCACCATCACCGTCACCGCCACCAACTTCTGCCCTCCCAACTTCGCCCTCGC
CAACGACAACGGCGGCTGGTGCAACCCTCCCCTCCAGCACTTCGACCTCGCCGAG
CCCGCCTTCCTCAAAATCGCCCAGTACCGAGCCGGCATCGTCCCCGTCGCCTTCC
GCAGAGTGCCGTGCGTGAAGAAGGGTGGGATCAGGTTTACCATAAACGGACACT
CCTACTTCAATCTGGTTCTGATCACCAACGTCGCCGGAGCTGGAGACGTGCACTC
GGTGTCCATCAAGGGATCCAGGACTGGGTGGCAAGCCATGTCCAGAAACTGGGG
CCAGAACTGGCAGAGCAACTCGTACCTCAACGGGCAGAGCCTCTCCTTCAGAGTC
ACCGCCAGTGACGGAAGAACCGTCACAAGCTACAACGTGGCTCCTTCTGGTTGGC
AGTTTGGTCAAACATTCCAAGGTGGTCAGTTCTAA

Nucleotide

>KlEXPA-16

CCAAACCAAACACAACTCTCCTCTCCTCTCATTTTCTCTCTTTCTTGCAAGCTGCT
AGCTCACATGGAACTTGGGCCTCTCCTCCTCTCCGCCATCACCACTCTCTTACTCT
TCCCCCACTCCCTAGCTGACTACGGCGGCTGGCAGTCCGCCCACGCCACCTTTTAC
GGCGGCGGCGACGCCTCCGGCACTATGGGTCTCATTCTTTTATCACGTTCTAGATT
TCTAATTATGATTAATAGCTGCTTACTATTAGTTATTAACACCATGTTGCTTGCTT
GATTGATCAGGCGGGGCTTGCGGGTATGGGAATCTGTACAGCCAGGGATACGGC

ACCGACACCGCCGCTCTCAGCACCGCTCTCTTTAACAACGGCCTCAGCTGCGGCT
CCTGCTACCAAATGAAATGCAATGACGATCCCAAATGGTGCCTCCCCGGCACCAT
CACCGTCACCGCCACCAACTTCTGCCCTCCCAACTTCGCCCTCGCCAACGACAAC
GGCGGCTGGTGCAACCCTCCCCTCCAGCACTTCGACCTCGCCGAGCCCGCCTTCC
TCAAAATCGCCCAGTACCGAGCCGGCATCGTCCCCGTCGCCTTCCGCAGGTTTGA
TTTGAACCCCAAATTACAAAATCACACTGCGCATCAATATCATGGTTGGTGGTTC
GCTTGTATTAACTGTTACGTGCTCTGCTTTTTACGCAAACGTATTTTGTTCTTGAA
ACAGAGTGCCGTGCGTGAAGAAGGGTGGGATCAGGTTTACCATAAACGGACACT
CCTACTTCAATCTGGTTCTGATCACCAACGTCGCCGGAGCTGGAGACGTGCACTC
GGTGTCCATCAAGGGATCCAGGACTGGGTGGCAAGCCATGTCCAGAAACTGGGG
CCAGAACTGGCAGAGCAACTCGTACCTCAACGGGCAGAGCCTCTCCTTCAGAGTC
ACCGCCAGTGACGGAAGAACCGTCACAAGCTACAACGTGGCTCCTTCTGGTTGGC
AGTTTGGTCAAACATTCCAAGGTGGTCAGTTCTAATTTAATCACACACTACAAAA
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TTCGAATAAGATTCCTTTTTTATACTCTCTGTGTTTTTTTTGATTTACTCAATTTAA
CATACAATAGAACAGTGGCGGTTGGAGGATTATTTTTT