

IDENTIFICATION

Species: *Kalanchoe laxiflora*

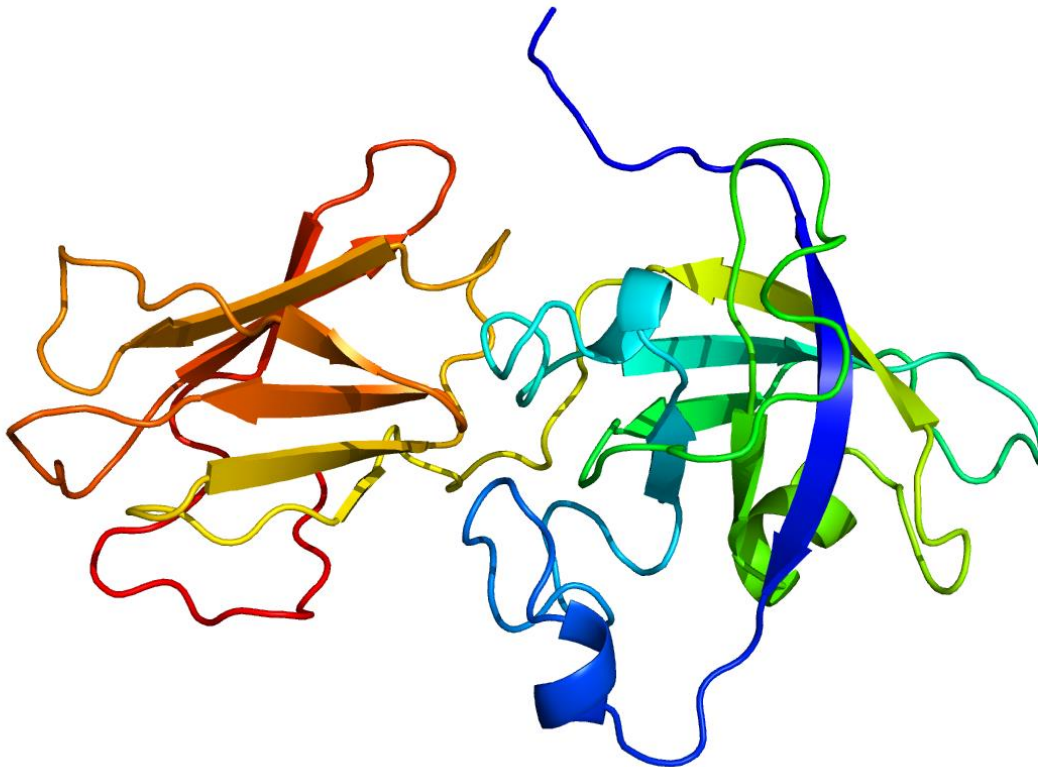
Locus: Kalax.0561s0013

Gene Model: Kalax.0561s0013.1.p

Description: KlEXPA-44

Family: Alpha Expansin

3D structure:



GENOME DATABASES

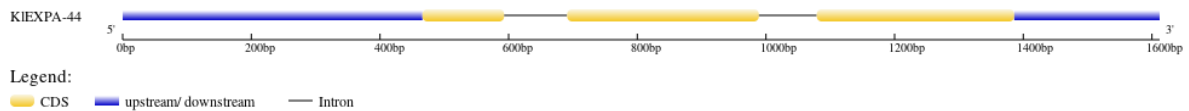
Phytozome: https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1

KEGG:-

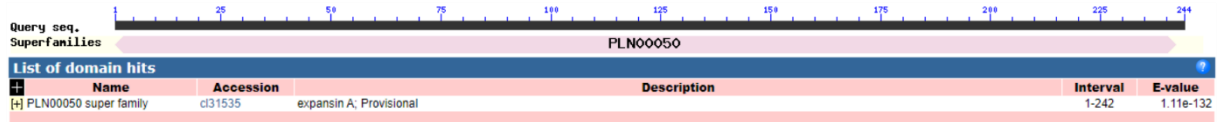
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-44

MGFAGFLLVCFLSLGAFVDGYGGGWSDAHATFYGGGDASGTMGGACGYGNLYSQ
GYGTDTAALSSALFNGLSCGACFELKCVNDDHWCPRGSIVVTATNFCPPNSLGGW
CDPPRQHFDLSQPVFLQIAAYRAGVVPVAFRRVPCRKRGGIRFTINGHR YFNLVLITN
VGGAGDVQSVSVKGSRTDWQAMSRNWGQNWQSNSDLNGQSLSFKVTTSDGHTVT
CANVASSGWQFGQTFSGLQFP*

CDS (coding sequence)

>KIEXPA-44

ATGGGGTTTGCTGGGTTCTTGGTGTGTTTTCTCAGCTTGGGTGCGTTCGTGGA
TGGGTATGGCGGCGGCTGGAGTGACGCTCATGCTACTTTCTACGGCGGGGGTGAT
GCTTCTGGCACAATGGGCGGTGCTTGTGGGTATGGCAATCTGTACAGCCAAGGCT
ACGGGACTGACACTGCAGCTTTGAGCTCTGCTCTTTTCAACAACGGATTGAGCTG
CGGAGCGTGTTTTGAAGCTCAAATGTGTGAATGACGACCACTGGTGCCGCCCTGGT
TCCATCGTGGTCACGGCCACCAACTTCTGCCCGCCCAACAGTCTTGGAGGCTGGT
GTGACCCTCCCCGCCAGCACTTTGATCTCTCTCAGCCGGTGTTTTTACAAATCGCT
GCATACAGAGCTGGAGTCGTCCCTGTGGCCTTCAGAAGGGTTCATGCCGCAAGA
GAGGGGGAATCAGATTCACAATCAACGGCCACCGGTACTTCAACCTGGTCCTTAT
AACCAATGTTGGCGGCGCGGGGACGTGCAGTCAGTTTCAGTCAAAGGATCAAG
AACCGACTGGCAAGCCATGTCAAGAACTGGGGTCAGAACTGGCAGAGCAACTC
GGACCTCAATGGCCAGAGCCTCTCCTTCAAGGTGACCACCAGTGACGGCCCACT
GTCACCTGCGCCAATGTGCTTCTTCAGGGTGGCAATTTGGCCAAACCTTTTCAGG
CCTTCAGTTCATGA

Nucleotide

>KIEXPA-44

TAATCCATTTTAAATTTATTATTTGTTTTTTCAGCTAACCAATTAACGAAAATA
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AAACCTCCGATCGATTTCAATTTCCAGGAAACCGAAATGCCGATGACACTCGGC
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GTTGCTGGCTGGGTAGTATATATTAGCCCATCATTCCGCCATTCGTTTCTCATCGC

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CCCTGGTTCCATCGTGGTCACGGCCACCAACTTCTGCCCCGCCAACAGTCTTGGA
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AATCGCTGCATACAGAGCTGGAGTCGTCCCTGTGGCCTTCAGAAGGTAACAAACA
CATTGCAGCACCAATCTTGAGTAACTAGATTTTTCAGTATCATCAAATGATGCATT
GAAAATTTTGC GGATTGTTATATAGGGTTCCATGCCGCAAGAGAGGGGGAATCAG
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GGCGCGGGGGACGTGCAGTCAGTTTCAGTCAAAGGATCAAGAACCGACTGGCAA
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ATGTCGCTTCTTCAGGGTGGCAATTTGGCCAAACCTTTTCAGGCCTTCAGTTCCCA
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CTGGGG