

IDENTIFICATION

Species: *Kalanchoe laxiflora*

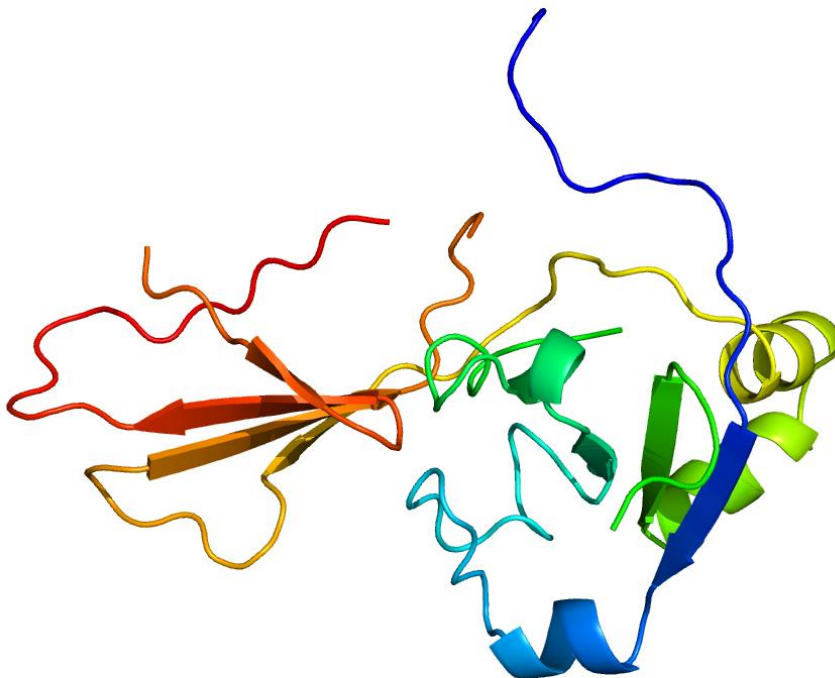
Locus: Kalax.1292s0001

Gene Model: Kalax.1292s0001.1.p

Description: KlEXPA-55

Family: Alpha Expansin

3D structure:



GENOME DATABASES

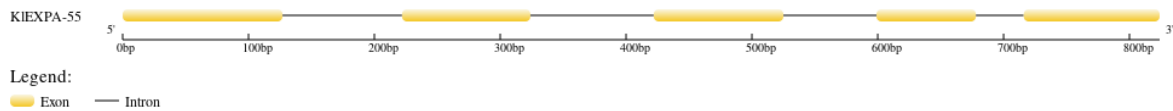
Phytozome: https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1

KEGG:-

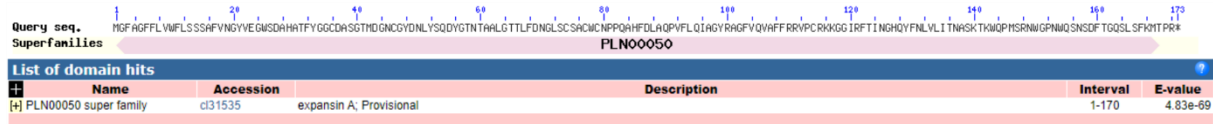
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-55

MGFAGFFLVWFLSSSAFVNGYVEGWSDAHATFYGGCDASGTMDGNCGYDNLYSQD
YGTNTAALGTTLFDNGLSCSACWCNPPQAHFDLAQPVFLQIAGYRAGFVQVAFFRR
VPCRKKGGIRFTINGHQYFNLVLTNASKTKWQPMSRNWGPNWQSNDSFTGQSLSFK
MTPR*

CDS (coding sequence)

>KIEXPA-55

ATGGGGTTTGCTGGGTTCTTCTTGGTGTGGTTTCTCAGCTCGAGTGC GTTTGTGAA
TGGATACGTTGAGGGCTGGAGTGATGCTCATGCCACATTCTACGGAGGTTGTGAT
GCTTCTGGCACAATGGACGGAATTGTGGGTATGACAATCTTTACAGCCAAGACT
ACGGGACGAACACTGCAGCTTTGGGCACCACTCTTTTCGACAATGGATTGAGTTG
CAGTGCATGCTGGTGTAAATCCGCCTCAAGCGCACTTTGATCTCGCTCAGCCAGTG
TTCTTACAGATAGCCGGATACAGGGCCGGTTTTGTCCAAGTGGCCTTCTTCAGAA
GGGTTCCATGCCGCAAGAAAGGAGGAATCAGATTCACAATCAACGGCCACCAGT
ACTTCAACCTAGTTCTAATAACCAACGCATCGAAAACCAAATGGCAGCCCATGTC
AAGAACTGGGGCCCGAACTGGCAGAGCAACTCGGACTTCACCGGCCAGAGCCT
CTCCTTCAAGATGACCCCCCGGTGA

Nucleotide

>KIEXPA-55

ATGGGGTTTGCTGGGTTCTTCTTGGTGTGGTTTCTCAGCTCGAGTGC GTTTGTGAA
TGGATACGTTGAGGGCTGGAGTGATGCTCATGCCACATTCTACGGAGGTTGTGAT
GCTTCTGGCACAATGGGTGAGTCTTCAATTCAGCCAATTGTTACAATATCGCTCA
ACTTGCGAGGTGTAATTATTTGCTGAAAGTCTTTTTCTTTCAAATTTGAGCTCAG
ACGGAAATTGTGGGTATGACAATCTTTACAGCCAAGACTACGGGACGAACACTG
CAGCTTTGGGCACCACTCTTTTCGACAATGGATTGAGTTGCAGTGCATGTTTTGAG
CTCAAATCCGTGGATAACAACAAATGCCCATCGTGATCACCGCCACTAATTTCTA
CCCTCCAACGATGCCTTGCCTAACAATGCCGGAGGCTGGTGTAAATCCGCCTCAA
GCGCACTTTGATCTCGCTCAGCCAGTGTTCTTACAGATAGCCGGATACAGGGCCG
GTTTTGTCCAAGTGGCCTTCTTCAGAAGGTAACAAAAAAGCTCAAATAAATAGCA
GCTCATCTTTCTGTTACATTTTGATTTTTTGAATTGTTGTGTAGGGTTCCATGC

CGCAAGAAAGGAGGAATCAGATTCACAATCAACGGCCACCAGTACTTCAACCTA
GTTCTAATAACCAACGTTGGCGGTGCTGGGATGTGCGGTCAGTTTCAGTCAAGGC
ATCGAAAACCAAATGGCAGCCCATGTCAAGAAACTGGGGCCCGAACTGGCAGAG
CAACTCGGACTTCACCGGCCAGAGCCTCTCCTTCAAGATGACCCCCCGGTGA