

IDENTIFICATION

Species: *Kalanchoe laxiflora*

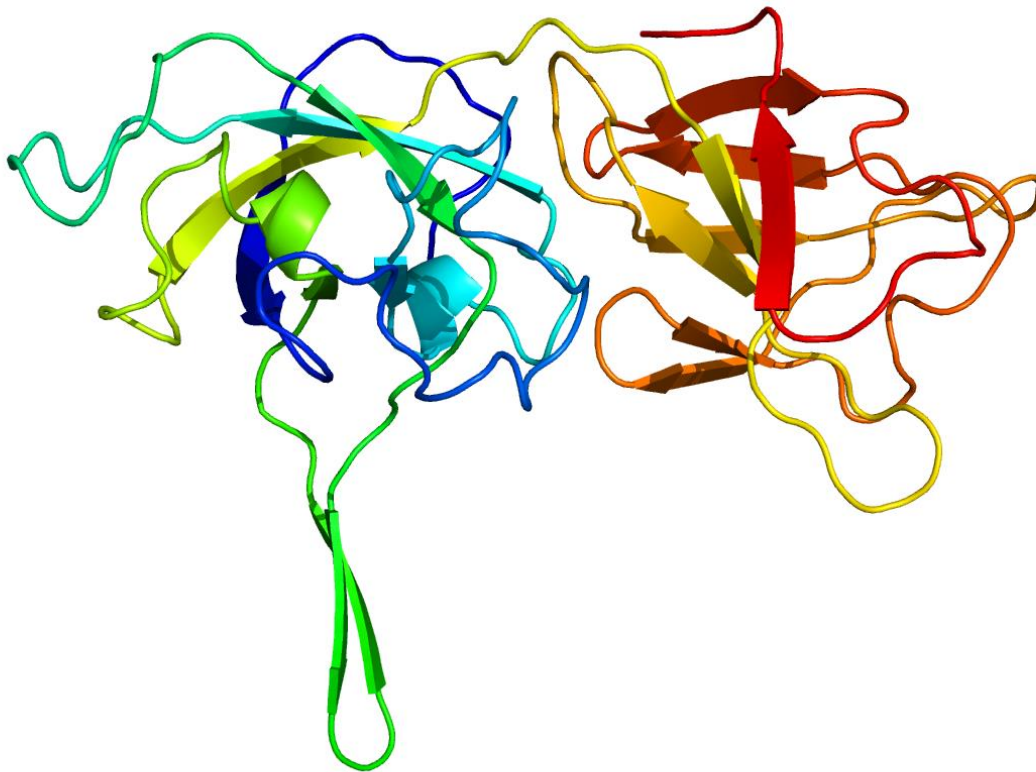
Locus: Kalax.0575s0007

Gene Model: Kalax.0575s0007.1.p

Description: KlEXPA-46

Family: Alpha Expansin

3D structure:



GENOME DATABASES

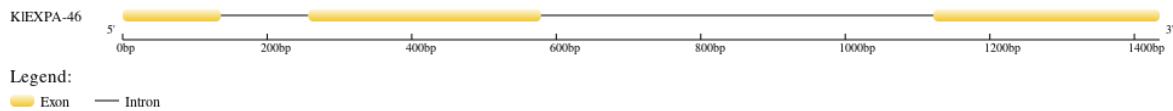
Phytozome: https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1

KEGG:-

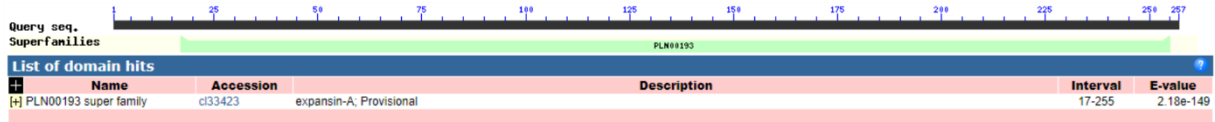
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-46

MASASLALAALFAMCSFLTANGFTASAWASAHATFYGGSDASGTMGGACGYGNLY
STGYGTRTAALSTALFNNGASCQCFKIICDFKDKPTWCRKGYSVTVTATNYCPPNY
AQANDNGGWCNPPCLKHFDMAQPAWEKIGIYRGGIIPVIYQRPVPCQKRGGVRFINGR
DYFELVLISNVGGSGAIKSISVKGSKTNTWSVMSRNWGANWQSNQYLNQALSQV
TTDDGVTKIFSNIWPSGWTFGQTFSSSLQFT*

CDS (coding sequence)

>KIEXPA-46

ATGGCGTCAGCAAGTCTTGCACTGGCTGCCCTATTTGCTATGTGCTCTTTTCTTAC
TGCCAATGGCTTCACAGCTTCCGCCTGGGCTTCAGCTCATGCCACGTTTTACGGTG
GCAGTGATGCTTCCGGAACAATGGGCGGCGCTTGTGGATATGGGAACCTGTACTC
GACCGGCTACGGGACGAGGACAGCAGCCCTGAGCACAGCATTGTTCAACAATGG
AGCGTCGTGTGGGCAGTGCTTCAAGATCATATGTGACTTCAAGAAAGACCCTACA
TGGTGCAGGAAAGGCTATTCCGTCACCGTCACCGCCACCAACTACTGCCCGCCAA
ATTACGCCCAGGCCAACGACAACGGCGGCTGGTGCAATCCACCCCTCAAGCATTT
CGACATGGCCCAGCCAGCCTGGGAGAAGATTGGTATCTACAGAGGCGGCATCAT
CCCCGTCATATACCAAAGAGTTCATGCCAGAAGCGGGGAGGGGTGCGGTTTAC
GATCAACGGAAGGGACTACTTTGAGCTGGTGCTGATCAGCAATGTAGGTGGGAG
TGGAGCCATCAAGTCGATTTCTGTCAAGGGATCCAAAACAAATACTTGGAGTGTA
ATGTCTAGAACTGGGGTGCAAACCTGGCAGTCCAATCAGTACCTCAACGGCCAG
GCCCTGTCGTTCCAAGTCACGACGGACGACGGTGTCACCAAGATCTTCTCAAACA
TCGTCCCCTCCGTTGGACCTTCGGACAGACCTTTTCCAGCTCCCTTCAATTCACA
TGA

Nucleotide

>KIEXPA-46

ATGGCGTCAGCAAGTCTTGCACTGGCTGCCCTATTTGCTATGTGCTCTTTTCTTAC
TGCCAATGGCTTCACAGCTTCCGCCTGGGCTTCAGCTCATGCCACGTTTTACGGTG
GCAGTGATGCTTCCGGAACAATGGGTATGGGTCAAGATTTCAACCTTCTCAACTT
TGTGCTTTTCAACTGGATATCTGACCACATTGATTACGTGGCGGCTCATGTGACTG
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CTTGTA CTGACCGGCTACGGGACGAGGACAGCAGCCCTGAGCACAGCATTGTTC
AACAAATGGAGCGTCGTGTGGGCAGTGCTTCAAGATCATATGTGACTTCAAGAAAG
ACCCTACATGGTGCAGGAAAGGCTATTCCGTCACCGTCACCGCCACCAACTACTG
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AAGCATTTTCGACATGGCCCAGCCAGCCTGGGAGAAGATTGGTATCTACAGAGGC
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GAATTTGATTTTTTATCAAATGTGATTTTTTCGTTTAATTTTCTATCATGTCTGAAC
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ACGAAACAGAGGTTTAGAAATGATGGAGAATGAAGCGAAAAGTCAATTTGAT
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AACGGAAGGGACTACTTTGAGCTGGTGCTGATCAGCAATGTAGGTGGGAGTGGA
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GTCGTTCCAAGTCACGACGGACGACGGTGTCCACCAAGATCTTCTCAAACATCGTC
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