

IDENTIFICATION

Species: *Kalanchoe laxiflora*

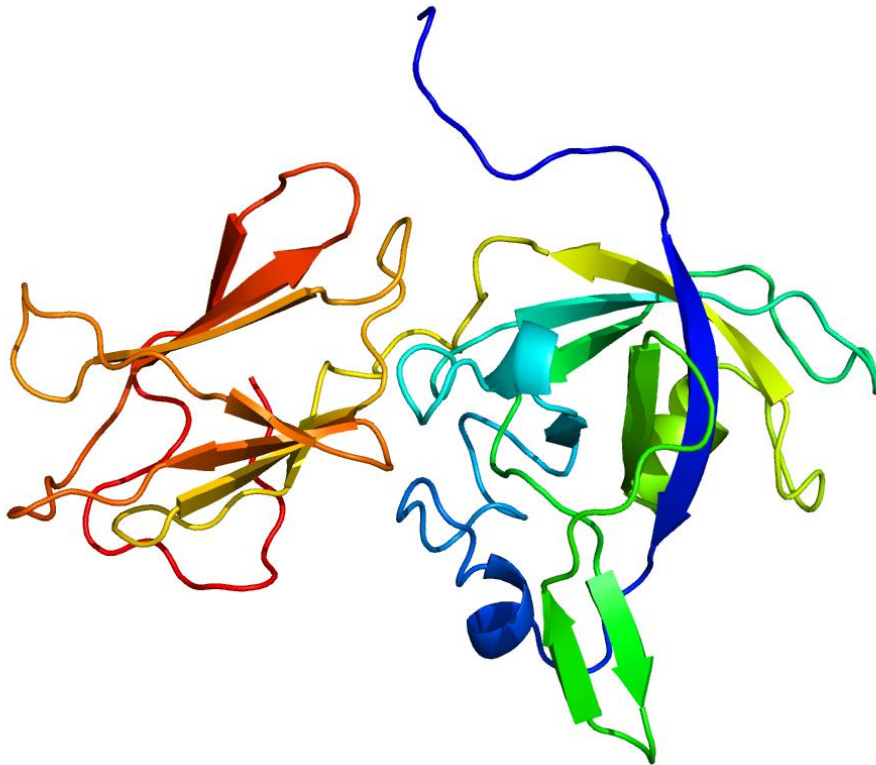
Locus: Kalax.0476s0035

Gene Model: Kalax.0476s0035.1.p

Description: KlEXPA-41

Family: Alpha Expansin

3D structure:



GENOME DATABASES

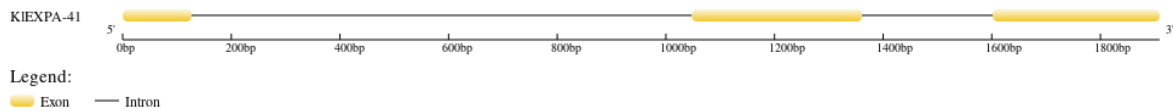
Phytozome: https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1

KEGG:-

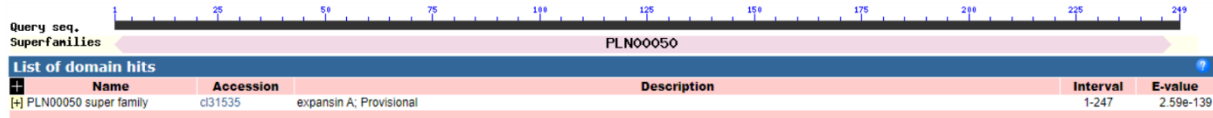
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-41

MGLAAVVCLSLLSWASLAYGSGAGWVAAHATFYGGGDASGTMGGACGYGNLYSQ
GYGTNTAALSTAMFNSSLSCGSCYEIRCVNDRRWCLPGSVVVTATNFCPPNNALPNN
AGGWCNPPLHHFDLSQPIFQHIAHYKAGIVPVAAYKRVPARRRGGIRFTINGHSYFNLV
LITNVGGAGDVHAVSIKGSRTQWRPMSRNWQNWQSNLLNGQSLSFKVTTSDGRT
VVSYNVAPSSWSFGRTYSGSQFH*

CDS (coding sequence)

>KIEXPA-41

ATGGGTCTTGCTGCGGTTGTGTGCCTGAGCTTGCTCTCCTGGGCATCACTGGCATA
TGGTTCAGGTGCAGGATGGGTAGCTGCTCATGCCACGTTCTATGGCGGCGGAGAT
GCTTCTGGGACGATGGGTGGAGCTTGTGGGTATGGAAACCTGTACAGCCAGGGCT
ACGGCACCAACACCGCAGCCTTAAGCACTGCCATGTTCAACAGCGGCTTGAGCTG
CGGATCTTGCTATGAGATCAGGTGTGTGAATGACAGGAGATGGTGTCTTCCCTGGC
TCAGTTGTGGTCACCGCCACCAACTTCTGCCCTCCCAACAACGCCTTGCCCAACA
ATGCCGGTGGCTGGTGCAACCCTCCCCTCCACCACTTCGATCTCTCCCAGCCCATC
TTCCAGCACATCGCCATTACAAGGCTGGCATTGTCCCAGTAGCCTACAAAAGGG
TGCCGTGCAGGAGAAGGGGAGGGATCAGGTTACAGATCAACGGCCACTCGTACT
TCAACCTAGTCCTGATCACCAACGTGGGAGGAGCTGGAGACGTGCACGCGGTCTC
GATCAAGGGCTCAAGGACCCAATGGCGGCCCATGTTCGAGAACTGGGGCCAAAA
CTGGCAGAGCAACAGCCTCCTCAACGGCCAGAGCCTGTCGTTCAAGGTCACCACG
AGTGACGGCCGCACTGTCGTCTCCTACAACGTTGCTCCCTCCAGCTGGTCCTTCGG
CCGGACCTACTCCGGCTCTCAGTTTCACTAA

Nucleotide

>KIEXPA-41

ATGGGTCTTGCTGCGGTTGTGTGCCTGAGCTTGCTCTCCTGGGCATCACTGGCATA
TGGTTCAGGTGCAGGATGGGTAGCTGCTCATGCCACGTTCTATGGCGGCGGAGAT
GCTTCTGGGACGATGGGTATATCACATCTTACATTTTTCTTTTCTTTTCTGTGAAGT
GGGTTCAGTAGAGGTTTTTCCAACACCCATTTGCCCAAACATCACACTCTGTTTG
CCTAAAGGGACAAATTTTAAGACACCCATTTGCCCATCTTCACTTTATTGCTTTC
AAAGTGTTATGAATTCATGTGGGAGGTGATTTATGTGTTTCTCACACCATAACAGTT

TCGTCTCTACGAACGGTTCGTCGAAATTTTTTTAATTACGTTTCATCCTATCAAAC
ATGATTA AAAATTGATTA AATCACATTTAGTAGCATGAAACATGATTA AATATCAA
ATTTTTATCTTCCAGATCAATCTTTAAAGATCTATTTTAATCACGTTTAATCCTACC
AAACATGATTA AAAATTTATTTTTTTATCACGTTTGAAAGAATAAATGTGATACA
AGATTGATATTTAATCATGTTTAATTCTTCCAAACACGAATAAAGATTTTTTTTTAA
TAAAAAAATTTAATTA AATAATTTTTTTTATGTATAATTGTTAAGAAAAAATAAT
AAAATACATAATTA AAAAATAATCAAATATTTATTA ACTTTCAAAAAAATTATAA
TTAATATAATATGAAGAAAAGTAGAAAAGATAAAAATATGACATGGGTCTACGTA
CAAATATTTGAAAGATTTGTTTTAATGTGAGAAAAAGATTTGTGAAAAGAAATTT
ATAATAAACTGTCATGACTCAAATCTACTTTTTAAATTTATATGAACGTCGATGCC
CTTATGACCCCAATCAACTTAAAAGGACAAATCTTTTAGGGCACCCATTTGAATA
CTTCTGCAGAGGTAACTTTTGGGATCCACTAGACAACATTTGAACATTTTTACCA
GAAGTAGTTTAATTTCTGAGACACTCATTTGAACTTATCTGTTGAAGGTGGAGCTT
GTGGGTATGGAAACCTGTACAGCCAGGGCTACGGCACCAACACCGCAGCCTTAA
GCACTGCCATGTTCAACAGCGGCTTGAGCTGCGGATCTTGCTATGAGATCAGGTG
TGTGAATGACAGGAGATGGTGTCTTCTGGCTCAGTTGTGGTCACCGCCACCAAC
TTCTGCCCTCCAACAACGCCTTGCCCAACAATGCCGGTGGCTGGTGCAACCCTC
CCCTCCACCACTTCGATCTCTCCAGCCCATCTTCCAGCACATCGCCCATTACAAG
GCTGGCATTGTCCCAGTAGCCTACAAAAGGTACCAAGTCCTCATTATCCTTGCAA
CATGTTTGATGTTCAATACGTACTTAAGAGTCAATTTTGGTTGCATGTCCAATAAG
GCCCCGACAGACGCTTAGTGATTGATTTGTA AAAAAAATTTAATTTTTTCAACGTTA
TAAATGATTGATCAAATGGCCATGGCAGCACCCGATGAATCCACGTAAATTTTTAA
GTGATGAGTAAATAACTTGCATGGTGT TTTCAACTCGGTGCTGTTGTAGGGTGCC
GTGCAGGAGAAGGGGAGGGATCAGGTTACGATCAACGGCCACTCGTACTTCAA
CCTAGTCCTGATCACCAACGTGGGAGGAGCTGGAGACGTGCACGCGGTCTCGATC
AAGGGCTCAAGGACCCAATGGCGGCCATGTTCGAGAACTGGGGCCAAA ACTGG
CAGAGCAACAGCCTCCTCAACGGCCAGAGCCTGTCGTTCAAGGTCACCACGAGTG
ACGGCCGCACTGTCGTCTCCTACAACGTTGCTCCCTCCAGCTGGTCCTTCGGCCGG
ACCTACTCCGGCTCTCAGTTTCACTAA