

IDENTIFICATION

Species: *Kalanchoe laxiflora*

Locus: Kalax.0006s0019

Gene Model: Kalax.0006s0019.1.p

Description: KlEXPA-03

Family: Alpha Expansin

3D structure:



GENOME DATABASES

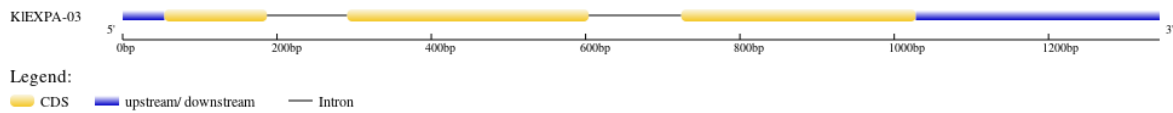
Phytozome: https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1

KEGG:-

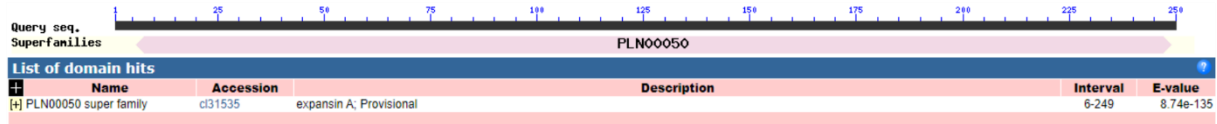
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-03

MELGPLLLSAITLLLLRHSLADYGGWQSAHATFYGGGDASGTMGGACGYGNLYSQ
GYGTDTAALSTALFNGLSCGSCYQMKCNDPKWCLPGTITVTATNFCPPNFALAN
DNGGWCNPPLQHFDLAEP AFLKIAQYRAGIVPVAFRRVPCVKKGGIRFTINGHSYFNL
VLITNVAGAGDVHSVSIKGSRTGWQAMSRNWGQNWQSN SYLNGQSLSFRTASDG
RTVTSYNVAPSGWQFGQTFQGGQF*

CDS (coding sequence)

>KIEXPA-03

ATGGA ACTTGGGCCTCTCCTCCTCTCCGCCATCATCACTCTCTTACTCCTCCGCCA
CTCCCTAGCTGACTACGGCGGCTGGCAGTCCGCCACGCCACCTTTTACGGCGGC
GGCGACGCCTCCGGCACTATGGGCGGGGCTTGCGGCTATGGGAATCTGTACAGCC
AGGGATACGGCACCGACACCGCCGCTCTCAGCACCGCTCTCTTAAACAACGGCCT
TAGCTGCGGCTCCTGCTACCAAATGAAATGCAATGACGATCCCAAGTGGTGCCTC
CCCGGCACCATCACCGTCACCGCCACCAACTTCTGCCCTCCCAACTTCGCCCTCGC
CAACGACAACGGCGGCTGGTGCAACCCTCCCCTCAGCACTTCGACCTCGCCGAG
CCCGCCTTCCTCAA AATCGCCAGTACCGAGCCGGCATCGTCCCCGTCGCCTTCC
GCAGAGTGCCGTGCGTGAAGAAGGGTGGGATCAGGTTTACCATAAACGGACACT
CCTACTTCAATCTGGTTCTGATCACCAACGTCGCCGGAGCTGGAGACGTGCACTC
GGTGTCCATCAAGGATCCAGGACTGGGTGGCAAGCCATGTCCAGAACTGGGG
CCAGA ACTGGCAGAGCAACTCGTACCTCAACGGGCAGAGCCTCTCCTTCAGAGTC
ACCGCCAGTGACGGAAGAACCGTCACAAGCTACAACGTGGCTCCTTCTGGTTGGC
AGTTTGGTCAAACATTCCAAGGTGGTCAGTTCTAA

Nucleotide

>KIEXPA-03

ACACA ACTCTCCTCTCCTCTCATTTTCTCTTTTCTTCCAAGCCGCTAGCTCACATG
GAACTTGGGCCTCTCCTCCTCTCCGCCATCATCACTCTCTTACTCCTCCGCCACTC
CCTAGCTGACTACGGCGGCTGGCAGTCCGCCACGCCACCTTTTACGGCGGGCGGC
GACGCCTCCGGCACTATGGGTAGGGTAACCCCCCTTCTTTTATCACGTTCTAGAT
TTCTAATTATGATGAACAGCTGCTTACTATTAGTTATTAACACTATGTTGCTTGCT
TGATTGATCAGGCGGGGCTTGCGGCTATGGGAATCTGTACAGCCAGGGATACGGC

ACCGACACCGCCGCTCTCAGCACCGCTCTCTTTAACAACGGCCTTAGCTGCGGCT
CCTGCTACCAAATGAAATGCAATGACGATCCCAAGTGGTGCCTCCCCGGCACCAT
CACCGTCACCGCCACCAACTTCTGCCCTCCCAACTTCGCCCTCGCCAACGACAAC
GGCGGCTGGTGCAACCCTCCCCTCCAGCACTTCGACCTCGCCGAGCCCGCCTTCC
TCAAATCGCCCAGTACCGAGCCGGCATCGTCCCCGTCGCCTTCCGCAGGTTTGA
TTTGAACCCCAAATTACAAAATCACACTGCCGATCAATATCACGGTTGGTGGTTC
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CAGAGTGCCGTGCGTGAAGAAGGGTGGGATCAGGTTTACCATAAACGGACACTC
CTACTTCAATCTGGTTCTGATCACCAACGTCGCCGGAGCTGGAGACGTGCACTCG
GTGTCCATCAAGGGATCCAGGACTGGGTGGCAAGCCATGTCCAGAACTGGGGC
CAGAACTGGCAGAGCAACTCGTACCTCAACGGGCAGAGCCTCTCCTTCAGAGTCA
CCGCCAGTGACGGAAGAACCGTCACAAGCTACAACGTGGCTCCTTCTGGTTGGCA
GTTTGGTCAAACATTCCAAGGTGGTCAGTTCTAATTTAATCACACACTACAAAAA
TTAAACAAAATTGAAATAATAAACTTTACGTATGAAGCAATTTTGGAGGTGTGA
AAATTGATCGAGTAATATATGGAGAGGAGCCAGTGGTTTAGAAGGGTGTGCTG
AGGTGTCAGTATGTGATTGGCGCCCGCTAAAAACATCATCATACGATGGTATTAA
TTGGCACGTAGTCTTATTGATGGATTGTTGTATTAGATTTTCAAATAAGTGACAGT
GGCATTGTGTTATTGTTTTTATTTATATGACAAAGGCTATGGATGTGGATGCTTAT
TTTCGAATTAGATTCCTTT