

IDENTIFICATION

Species: *Kalanchoe laxiflora*

Locus: Kalax.0065s0019

Gene Model: Kalax.0065s0019.1.p

Description: KlEXPA-21

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

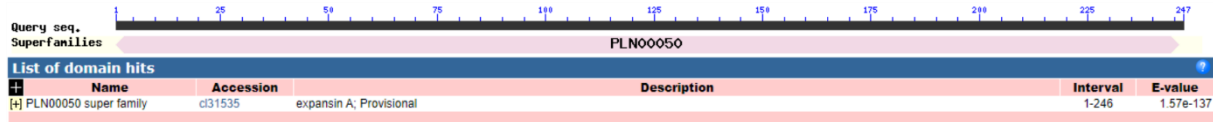
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-21

MAFLGLSVLAFLAVVQTVAAAGGGWSSAHATFYGGNDASGTMGGACGYGNLYSQG
YGTNTAALSTALFNKGQSCGACYEIQC VNDKPWCLPGSITVTATNFCPPNYAQANDA
GGWCNPPLQHFDLAQPAFLRIAKYKAGIVPVQYKRVACKKSGGVRFTINGHSYFNLV
LITNVGGAGDVTA VSIKGSNTKWQAMNRNWQNWQSN SFLNGQALSFKVTTSDGR
TVISNNAAPANWSFGKTYSGSQF*

CDS (coding sequence)

>KIEXPA-21

ATGGCATTCTCGGGCTTTCAGTGCTAGCATTCTCGCCGTAGTGCAGACCGTGCC
TGCTGGAGGTGGCTGGTCTAGCGCCACGCCACGTTCTACGGAGGAAATGATGCC
TCTGGAACAATGGGCGGGGCCTGTGGATATGGGAACCTTTATAGCCAAGGCTACG
GAACAAACACGGCTGCACTGAGCACAGCCTTGTTCAATAAAGGGCAGAGTTGCG
GTGCTTGCTATGAGATCCAATGTGTCAATGACAAGCCGTGGTGCCTACCGGGATC
CATTACCGTCACTGCCACCAACTTCTGCCCGCCCAACTACGCGCAGGCCAATGAT
GCCGGAGGCTGGTGTAAACCCTCCCCTGCAGCACTTCGATCTCGCTCAGCCTGCGT
TTTTGCGCATTGCCAAGTATAAGGCTGGGATAGTGCCAGTTCAATACAAAAGGGT
TGCTTGCAAGAAATCTGGGGGTGTGAGATTCACAATCAACGGCCACTCTTACTTC
AATCTTGCTGATCACAAATGTGGGAGGTGCTGGAGATGTCACGGCTGTTTCGA
TCAAAGGCAGCAACACAAAGTGGCAGGCCATGAACCGCAACTGGGGCCAGA
GGCAGAGCAACTCCTTCTCAACGGCCAGGCGCTTTCTTTCAAGGTCACAACGAG
CGACGGCCGCACAGTGATCTCCAACAATGCTGCTCCTGCAAATTGGTCTTTCGGC
AAAACCTACAGCGGTAGCCAATTCTAA

Nucleotide

>KIEXPA-21

ATGGCATTCTCGGGCTTTCAGTGCTAGCATTCTCGCCGTAGTGCAGACCGTGCC
TGCTGGAGGTGGCTGGTCTAGCGCCACGCCACGTTCTACGGAGGAAATGATGCC
TCTGGAACAATGGGTAAGTAAGCAGACGAATCTTGATCCATGTTTTGCCTCAAAA
AAAATTTAAGGCTGGTAGTGTAAGTCACTGACTTTTGAATTGGGATTCAGGCGGG
GCCTGTGGATATGGGAACCTTTATAGCCAAGGCTACGGAACAAACACGGCTGCA
CTGAGCACAGCCTTGTTCAATAAAGGGCAGAGTTGCGGTGCTTGCTATGAGATCC

AATGTGTCAATGACAAGCCGTGGTGCCTACCGGGATCCATTACCGTCACTGCCAC
CAACTTCTGCCCCGCCAACTACGCGCAGGCCAATGATGCCGGAGGCTGGTGTAA
CCTCCCCTGCAGCACTTCGATCTCGCTCAGCCTGCGTTTTTTCGCATTGCCAAGTA
TAAGGCTGGGATAGTGCCAGTTCAATACAAAAGGTATGCGATCAGCGAAGTTAA
AAAAATTCCAATGAATCGTCACGTGTGACTTTGATTTTTGAACGTTGGCATTAGA
CTTGTCTACCTAAAGAATCACTCGATTACTGTTTCAGTAGGGGTTTCTGATATTCTC
TTGCTGCAGGGTTGCTTGCAAGAAATCTGGGGGTGTGAGATTCACAATCAACGGC
CACTCTTACTTCAATCTTGTGCTGATCACAAATGTGGGAGGTGCTGGAGATGTCA
CGGCTGTTTCGATCAAAGGCAGCAACACAAAGTGGCAGGCCATGAACCGCAACT
GGGGCCAGAACTGGCAGAGCAACTCCTTCCTCAACGGCCAGGCGCTTTCTTTCAA
GGTCACAACGAGCGACGGCCGCACAGTGATCTCCAACAATGCTGCTCCTGCAAAT
TGGTCTTTCGGCAAACCTACAGCGGTAGCCAATTCTAA