

IDENTIFICATION

Species: *Kalanchoe fedtschenkoi*

Locus: Kaladp0037s0226

Gene Model: Kaladp0037s0226.1.p

Description: KfEXPA-10

Family: Alpha Expansin

3D structure:



GENOME DATABASES

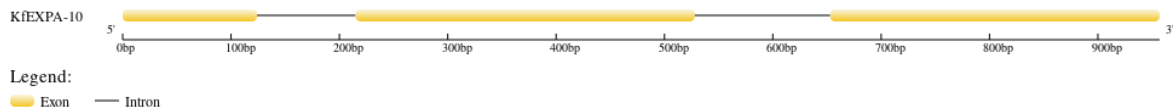
Phytozome: https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi_v1_1

KEGG:-

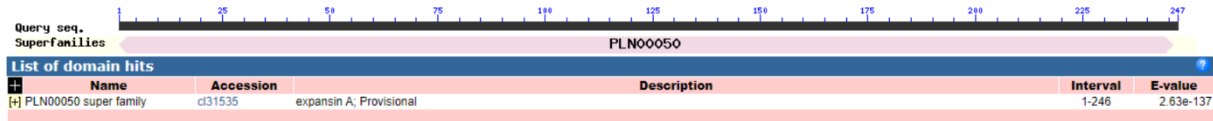
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KfEXPA-10

MAFLGLSVLAFLTVVQTVAAAGGGWSSAHATFYGGNDASGTMGGACGYGNLYSQG
YGTNTAALSTALFNKGQSCGACYEIQC VNDKPWCLPGSITVTATNFCPPNYAQANDA
GGWCNPPLQHFDLAQPAFLRIAKYKAGIVPVQYKRVACKKSGGVRFTINGHSYFNLV
LITNVGGAGDVTAVSIKGSNTKWQAMNRNWQNWQSNLLNGQALSFKVTTSDGR
TVISNNAAPPNWSFGKTYSGSQF*

CDS (coding sequence)

>KfEXPA-10

ATGGCATTCTCGGGCTTTCAGTGCTAGCATTCTCACCGTAGTGCAGACCGTGCC
CGCTGGAGGTGGCTGGTCTAGCGCCACGCCACGTTCTACGGAGGAAATGATGCC
TCAGGAACAATGGGCGGGGCCTGTGGATATGGGAACCTTTATAGCCAAGGCTAC
GGAACAAACACGGCTGCGCTGAGCACCGCCTTGTTCAATAAAGGGCAGAGTTGC
GGCGCTTGCTATGAGATCCAGTGTGTCAACGACAAGCCGTGGTGCCTACCGGGAT
CCATTACCGTCACTGCCACCAACTTCTGCCCGCCCAACTACGCGCAGGCCAACGA
CGCCGGAGGCTGGTGTAAACCCTCCCTGCAGCACTTCGATCTCGCTCAGCCTGCC
TTTTTGCGCATTGCCAAGTATAAGGCTGGGATAGTGCCAGTTCAATACAAAAGGG
TTGCTTGCAAGAAATCTGGGGGTGTGAGATTCACAATCAACGGCCACTCTTACTT
CAATCTTGTGCTGATCACAATGTGGGAGGTGCTGGAGATGTCACGGCTGTTTCG
ATCAAAGGCAGCAACACAAAGTGGCAGGCCATGAACCGAAACTGGGGCCAGAAC
TGGCAGAGCAACTCCCTCCTCAACGGCCAGGCGCTTTCTTTCAAGGTCACAACGA
GCGACGGCCGCACAGTGATCTCCAACAATGCTGCTCCTCCAAATTGGTCTTTTCG
CAAACCTACAGCGGAAGCCAATTCTAA

Nucleotide

>KfEXPA-10

ATGGCATTCTCGGGCTTTCAGTGCTAGCATTCTCACCGTAGTGCAGACCGTGCC
CGCTGGAGGTGGCTGGTCTAGCGCCACGCCACGTTCTACGGAGGAAATGATGCC
TCAGGAACAATGGGTAAGTAAGCAGACGAATCTTGATCCATGTATTGCCTCAAAA
AAATTTAAGGCTGGTAGTGTAAAGTCACTGACTTTTGAATTGGGATTCAGGCGGGG
CCTGTGGATATGGGAACCTTTATAGCCAAGGCTACGGAACAAACACGGCTGCGCT
GAGCACCGCCTTGTTCAATAAAGGGCAGAGTTGCGGCGCTTGCTATGAGATCCAG

TGTGTCAACGACAAGCCGTGGTGCCTACCGGGATCCATTACCGTCACTGCCACCA
ACTTCTGCCCCGCCAACTACGCGCAGGCCAACGACGCCGGAGGCTGGTGTAAACC
TCCCCTGCAGCACTTCGATCTCGCTCAGCCTGCCTTTTTGCGCATTGCCAAGTATA
AGGCTGGGATAGTGCCAGTTCAATACAAAAGGTATGCGAAATTTCAATGAATCGT
CAAGTATCACTTTGATTTTTCAACGTTTCGATTAGATTTGTCTACCTGAAGAATCA
CTCAATTACTGTTTCAGTAGTGGTTTCTGATATTCTCCTGCTGCAGGGTTGCTTGCA
AGAAATCTGGGGGTGTGAGATTCACAATCAACGGCCACTCTTACTTCAATCTTGT
GCTGATCACAAATGTGGGAGGTGCTGGAGATGTCACGGCTGTTTCGATCAAAGGC
AGCAACACAAAGTGGCAGGCCATGAACCGAAACTGGGGCCAGAACTGGCAGAGC
AACTCCCTCCTCAACGGCCAGGCGCTTTCTTTCAAGGTCACAACGAGCGACGGCC
GCACAGTGATCTCCAACAATGCTGCTCCTCCAAATTGGTCTTTCGGCAAAACCTA
CAGCGGAAGCCAATTCTAA