

IDENTIFICATION

Species: *Kalanchoe laxiflora*

Locus: Kalax.0441s0028

Gene Model: Kalax.0441s0028.1.p

Description: KlEXPA-40

Family: Alpha Expansin

3D structure:



GENOME DATABASES

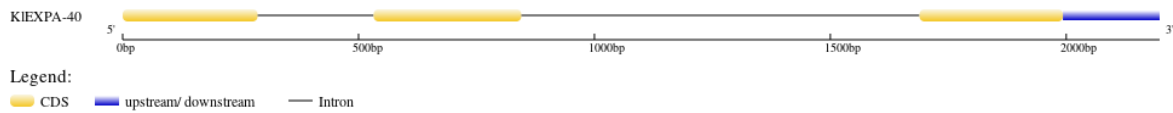
Phytozome: https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1

KEGG:-

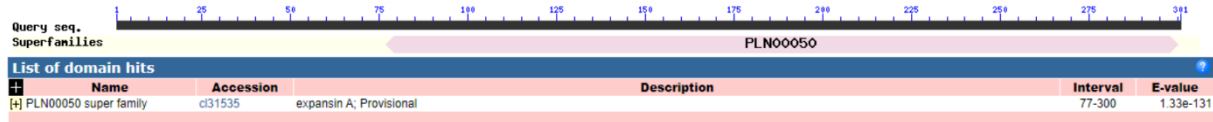
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-40

MGITTVVVTFLLYKLPPLAAIFFSKQHYPLQSFFFNSQVTAAMASSSSSTALSTPLLL
LALAFAGSFHASLADYGGWQGGHATFYGGGDATGTMGGACGYGNLYSQGYGTET
AALSTALFNGLSCGACFEMRCSDDPRWCIAGTITVTATNFCPPNPSLSNDNGGWCN
PPLQHFDLAQPAFLKIAQYRAGIVPISFRRVPCMKKGGIRFTINGHSYFNLVLITNVGG
AGDVRAVSIKSKTGWQPMSRNWGQNWQSNLYLNGQSLSFQVTTSDGRTVTSMNA
APSGWQFGQTYQGGQF*

CDS (coding sequence)

>KIEXPA-40

ATGGGCATCACTACCGTTGTTGTCACCTTTCTTCTATATAAACTCCCTCCACTCGC
AGCCATCTTCTTCTCAAAGCAACATTATCCATTACAGTCATTCTTCTTCAACTCCC
AAGTCACAGCTGCAGCAATGGCATCATCATCTTCATCCACTGCCTTGTCAACTCCC
CTGCTACTGCTGGCGCTCGCTTTTGCTGGCTCCTTCCACGCCAGCCTCGCCGATTA
CGGAGGGTGGCAGGGCGGTCACGCCACCTTTTACGGGGGCGGCGACGCCACCGG
CACAATGGGAGGGGCTTGCAGGATACGGGAACCTGTACAGTCAGGGGTACGGGAC
GGAGACGGCGGCGCTGAGCACGGCGCTGTTTAAACAACGGGCTGAGCTGCGGCGC
CTGCTTCGAGATGCGATGCAGCGATGATCCGAGGTGGTGCATCGCTGGGACCATC
ACCGTCACCGCCACGAACCTTCTGCCCCCGAATCCTAGCCTGTGCAACGACAACG
GCGGCTGGTGCAACCCGCCACTCCAGCACTTCGATCTGGCCCAGCCCGCCTTCTT
CAAGATCGCTCAGTACCGCGCTGGGATCGTCCCCATTTCAATTCAGAAGAGTGCCG
TGCATGAAGAAGGGAGGGATCAGGTTACGATCAACGGCCACTCCTACTTCAACC
TCGTCCTGATCACGAACGTTGGCGGCGCTGGAGACGTCAGAGCGGTTTCAATCAA
GGGCTCGAAGACTGGGTGGCAGCCGATGTCCAGAAACTGGGGCCAGAAGTGGCA
GAGCAACTCCTACCTCAACGGCCAGAGCCTCTCGTTCCAGGTGACGACCAGCGAC
GGGAGGACCGTGACGAGCATGAACGCGGCTCCGTCTGGTTGGCAGTTCGGGCAG
ACCTACCAGGGCGGTCAGTTTTAG

Nucleotide

>KIEXPA-40

ATGGGCATCACTACCGTTGTTGTCACCTTTCTTCTATATAAACTCCCTCCACTCGC
AGCCATCTTCTTCTCAAAGCAACATTATCCATTACAGTCATTCTTCTTCAACTCCC

AAGTCACAGCTGCAGCAATGGCATCATCATCTTCATCCACTGCCTTGTCAACTCCC
CTGCTACTGCTGGCGCTCGCTTTTGGCTGGCTCCTTCCACGCCAGCCTCGCCGATTA
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CACAATGGGTGAGTGGCCCGTCCGGCAGAACCTGTTTTCTAGTTGAAATTGATAG
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TCCGCTCTGCGACTGTCTTTCGAATGGCTGAGGTAGCTCAATTGGCGCCCGCTAA
GCCTGTTTCATGTATGACATATATAAGAAGATGAATATGATGAGA