

IDENTIFICATION

Species: *Kalanchoe laxiflora*

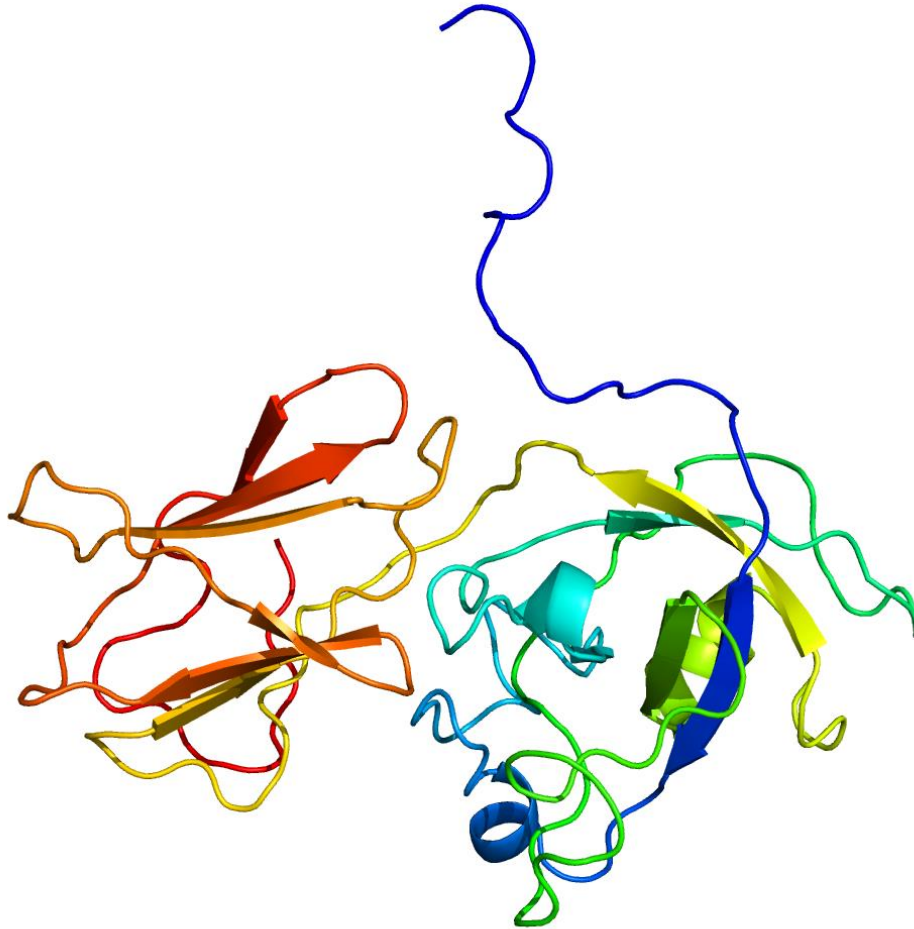
Locus: Kalax.0058s0002

Gene Model: Kalax.0058s0002.1.p

Description: KlEXPA-19

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

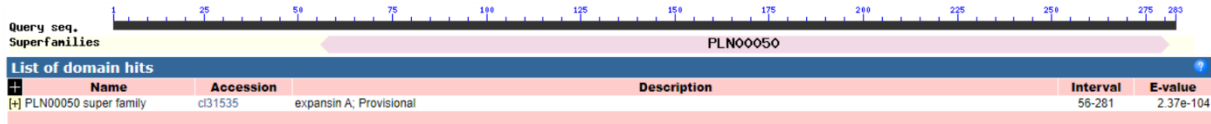
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-19

MKVPWFILLMTTLFLVVLPLPDHQQVHASRSNIIAERGHLPNTAKHHKPPFRPGPWKP
AHATFYGGSDGSQTMGGACGYENLIEEGYGLQTAALSRQLFNGGQTCGACYEIKCV
NDAQWCKPGQPSMLVTATNLCPPNGQLSSQNGGWCNPPLEHFDIAQPAFVQVAEYK
AGIIPVQYRRIPCQKKGGIKFTITGNPYFNMVLVWNVGGAGDVTSLQVKGGKLLKW
TQMDRNWGQKWTTGAMMQGERLTFRVTTSDGKTSTSWNIVPENWQFGQTFEGKNF
K*

CDS (coding sequence)

>KIEXPA-19

ATGAAGGTTTCCTTGGTTTATTTTGTTAATGACAACATTGTTTCTTGTTGTCCTGCCC
TTGCCCGACCATCAGGTGCACGCAAGTAGAAGTAACATCATCGCTGAGCGCGGTC
ATCTCGCACCCAACACAGCCAAGCACCACAAGCCTCCGTTCCGACCTGGTCCATG
GAAGCCTGCTCATGCTACATTTTACGGAGGATCCGATGGCTCGCAGACAATGGGT
GGGGCTTGCGGATATGAGAACTTGATTGAGGAAGGCTACGGCCTTCAAACCGCTG
CGTTAAGCCGGCAGTTGTTCAACGGCGGGCAGACCTGTGGGGCTTGCTATGAGAT
AAAGTGCGTGAATGATGCCCAATGGTGCAAGCCAGGGCAGCCGCTATGCTTGTG
ACAGTACCAATCTATGCCCCCAACGGCCAGTTGTCCAGCCAGAACGGAGGAT
GGTGCAACCCTCCTCTGGAGCATTTTGACATAGCTCAGCCGGCTTTTGTCCAAGTG
GCCGAGTACAAAGCTGGCATTATCCCTGTTCAATACAGAAGGATTCCTTGCCAAA
AGAAAGGAGGCATAAAGTTCACAATCACCGGAAACCCCTACTTCAACATGGTCCCT
GGTGTGGAACGTGGGAGGAGCCGGAGATGTGACCAGCCTACAAGTGAAGGGGGG
CAAGAAGCTTAAGTGGACGCAAATGGACCGGAACTGGGGCCAAAAATGGACCAC
CGGAGCAATGATGCAAGGGGAGAGACTCACGTTTAGAGTGACTACTAGTGATGG
AAAACTTCAACCTCATGGAACATCGTACCCGAAAATTGGCAATTTGGACAGACC
TTCGAAGGCAAGAACTTCAAGTAG

Nucleotide

>KIEXPA-19

ATGAAGGTTTCCTTGGTTTATTTTGTTAATGACAACATTGTTTCTTGTTGTCCTGCCC
TTGCCCGACCATCAGGTGCACGCAAGTAGAAGTAACATCATCGCTGAGCGCGGTC
ATCTCGCACCCAACACAGCCAAGCACCACAAGCCTCCGTTCCGACCTGGTCCATG

GAAGCCTGCTCATGCTACATTTTACGGAGGATCCGATGGCTCGCAGACAATGGGT
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AGGTGGGGCTTGCCGATATGAGAACTTGATTGAGGAAGGCTACGGCCTTCAAAC
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GAGGATGGTGCAACCCTCCTCTGGAGCATTGACATAGCTCAGCCGGCTTTTGT
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AGCACAGTAGCAAAATAATCTTCAGGAAATTCAGATGATCATATCATTGCAGAAA
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GGATTTTTTATTTTGACACTTCAGGATTCCTTGCCAAAAGAAAGGAGGCATAAAG
TTCACAATCACCGGAAACCCCTACTTCAACATGGTCCTGGTGTGGAACGTGGGAG
GAGCCGGAGATGTGACCAGCCTACAAGTGAAGGGGGGCAAGAAGCTTAAGTGGA
CGCAAATGGACCGGAACTGGGGCCAAAATGGACCACCGGAGCAATGATGCAAG
GGGAGAGACTCACGTTTAGAGTGACTACTAGTGATGGAAAACTTCAACCTCATG
GAACATCGTACCCGAAAATTGGCAATTTGGACAGACCTTCGAAGGCAAGAACTTC
AAGTAG