

IDENTIFICATION

Species: *Kalanchoe laxiflora*

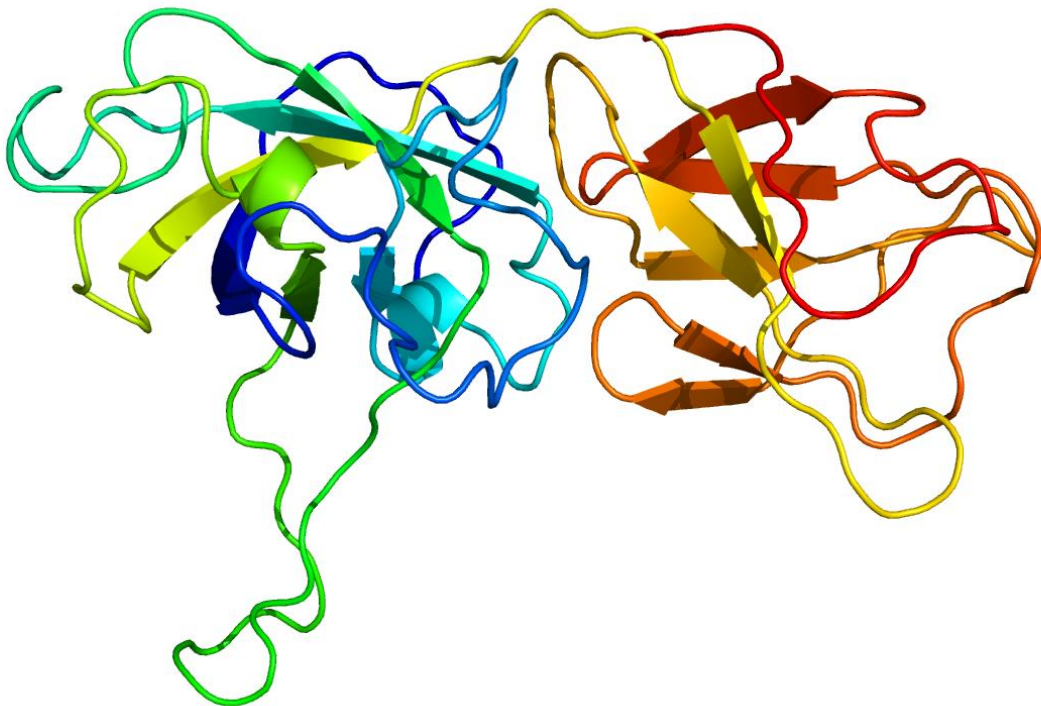
Locus: Kalax.1554s0001

Gene Model: Kalax.1554s0001.1.p

Description: KlEXPA-58

Family: Alpha Expansin

3D structure:



GENOME DATABASES

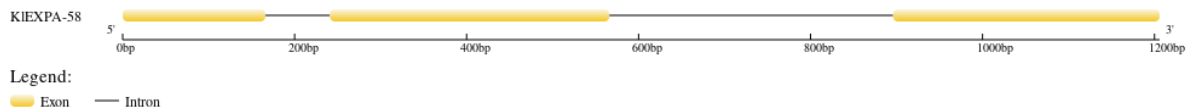
Phytozome: https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1

KEGG:-

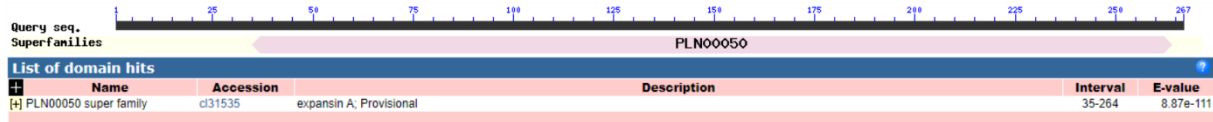
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-58

MDVSTRPPLFIIACLTLFSSVVSISQARVPGVYSGGPWQRAHATFYGENDASGTMGG
ACGYGNLYDSGYGLNTAALSTVLFNDGFSCGACFEIKCVNEPKWAWCFPGSPSIFITA
TNLCPPNWSIPSDNGGWCNPPRPHFDLSVPMFTKLAQYKAGIVPINYRRVPCKKQGG
MRFTMNGNPWFNIVLITNVAGAGNILSVSIKGSNTGWIKMQKNWGQNWQCGVTLV
GQSVSFRVKTS DhRTSTTLNAV PANWQFGQSFTGRNFKI*

CDS (coding sequence)

>KIEXPA-58

ATGGATGTCAGCACTAGACCTCCTCTCTTTATTATTGCATGTCTGACGCTGCTATT
TTCAGTAGTGTCCATCTCCCAAGCCAGAGTACCCGGCGTCTACAGCGGCGGCCCC
TGGCAGAGAGCCCACGCCACTTTCTACGGCGAGAACGACGCCAGTGGAACCATG
GGAGGAGCGTGTGGCTACGGGAACCTGTACGACAGCGGGTACGGCCTGAACACG
GCTGCACTGAGCACGGTCTTGTTCAACGACGGCTTCAGCTGCGGCGCTTGCTTTG
AGATCAAGTGTGTCAACGAGCCTAAGTGGGCGTGGTGCTTCCCAGGAAGTCCTTC
CATCTTCATCACAGCCACCAACCTCTGCCCCCAACTGGTCCATCCCCAGCGAC
AACGGCGGCTGGTGAACCCTCCACGCCCCACTTCGACCTCTCCGTGCCCATGT
TCACCAAACCTCGCCCAGTACAAAGCCGGCATTGTCCCATCAACTACCGCCGGGT
GCCTTGCAAGAAGCAGGGAGGAATGAGGTTACGATGAACGGCAACCCGTGGTT
CAACATCGTACTGATAACCAACGTGGCCGGCGCAGGGAACATACTCAGCGTGAG
CATCAAGGGATCCAACACTGGGTGGATCAAGATGCAGAAGAAGTGGGGGCAGAA
CTGGCAATGTGGTGTAACTCTAGTAGGACAGTCGGTCTCCTTCAGAGTGAAAACC
AGTGACCACAGGACCTCCACTACTTTGAATGCCGTGCCCGCTAACTGGCAGTTCG
GCCAGTCATTCACCGGAAGGAACCTCAAGATCTGA

Nucleotide

>KIEXPA-58

ATGGATGTCAGCACTAGACCTCCTCTCTTTATTATTGCATGTCTGACGCTGCTATT
TTCAGTAGTGTCCATCTCCCAAGCCAGAGTACCCGGCGTCTACAGCGGCGGCCCC
TGGCAGAGAGCCCACGCCACTTTCTACGGCGAGAACGACGCCAGTGGAACCATG
GGTACCACCTCATCCATTATCACTCAATCATCAAATCCATTTTTTGGTTTTT
TGAATTTTTGGTTGCACCAGGAGCGTGTGGCTACGGGAACCTGTACGACAGCG

GGTACGGCCTGAACACGGCTGCACTGAGCACGGTCTTGTTCAACGACGGCTTCAG
CTGCGGGCGCTTGCTTTGAGATCAAGTGTGTCAACGAGCCTAAGTGGGCGTGGTGC
TTCCCAGGAAGTCCTTCCATCTTCATCACAGCCACCAACCTCTGCCCCCCTAACTG
GTCCATCCCCAGCGACAACGGCGGCTGGTGAACCCTCCACGCCCCCACTTCGAC
CTCTCCGTGCCATGTTACCAAACCTCGCCAGTACAAAGCCGGCATTGTCCCA
TCAACTACCGCCGGTAATACCTTCCCTCTTCTCCGTGCTCTACTTTCAACCAAATG
AGTATTTAGCCCTCGGTCAAAAACCATAACCAAAGCGACAACCTCAATAGTAAAT
TCTTAGTAAATCGTTTTTTAAGTGTGGGATTCACATTTGTGTATTTGTGGACGTT
AATATTTTCAGCGTCAATAGGGACATGGAGGTAATTTGACATCATAAAGGAGAAG
TACGTAGCGACCGTCCGTCCGTGCTTTTCAGCATTTTGCATTTTGTAAATTGTATCAC
TTAGATCTGCATCATCATCACTCCTGCTAAATATTTTATTTGTTTTCCAACCTGTTGT
GGGCTGCAGGGTGCCTTGCAAGAAGCAGGGAGGAATGAGGTTACGATGAACGG
CAACCCGTGGTTCAACATCGTACTGATAACCAACGTGGCCGGCGCAGGGAACAT
ACTCAGCGTGAGCATCAAGGGATCCAACACTGGGTGGATCAAGATGCAGAAGAA
CTGGGGGCAGAACTGGCAATGTGGTGTAACTCTAGTAGGACAGTCGGTCTCCTTC
AGAGTGAAAACCAGTGACCACAGGACCTCCACTACTTTGAATGCCGTGCCCGCTA
ACTGGCAGTTCGGCCAGTCATTCACCGGAAGGAACTTCAAGATCTGA