

IDENTIFICATION

Species: *Kalanchoe laxiflora*

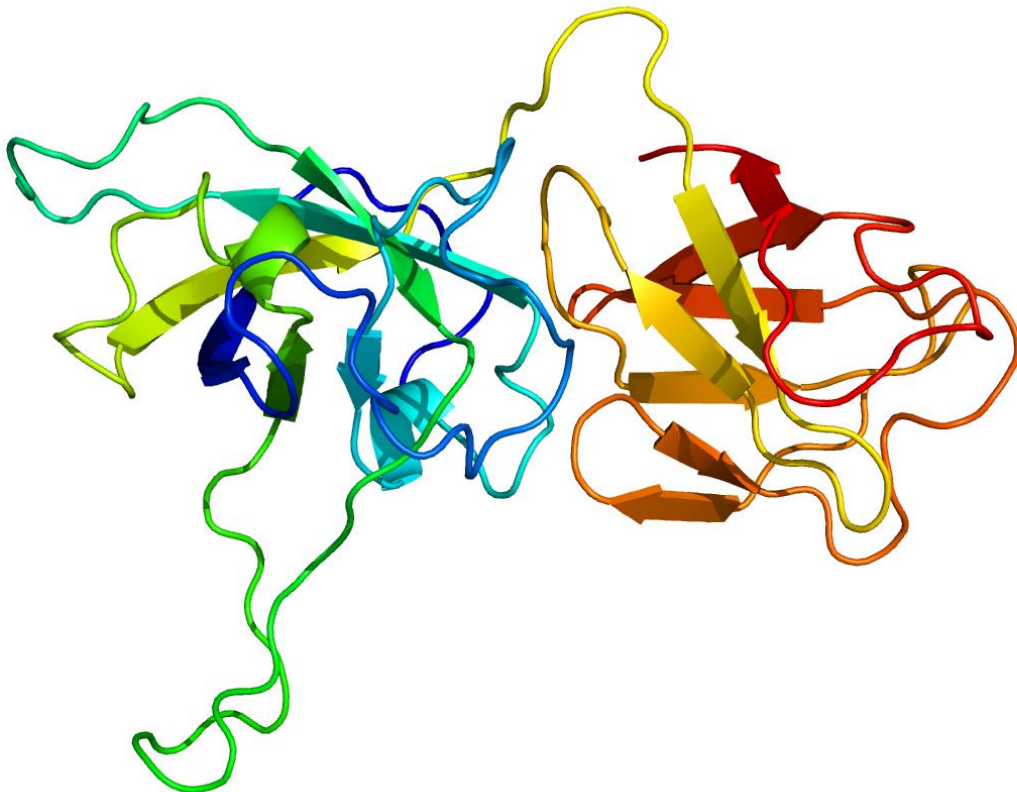
Locus: Kalax.0017s0104

Gene Model: Kalax.0017s0104.1.p

Description: KlEXPA-10

Family: Alpha Expansin

3D structure:



GENOME DATABASES

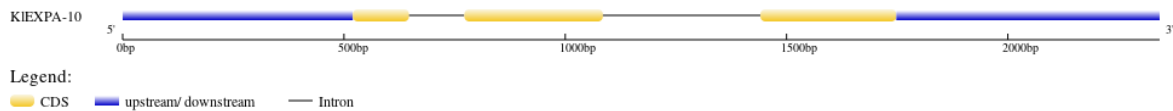
Phytozome: https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1

KEGG:-

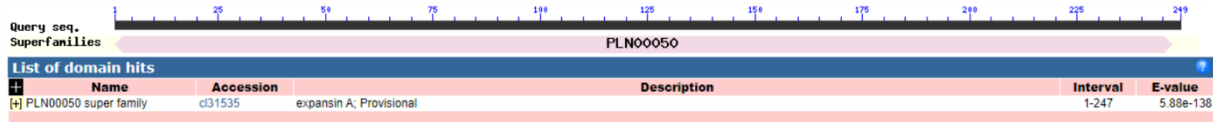
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-10

MGFVGLMLVGLVCLSSFADGYGGGWTDAAHATFYGGGDASGTMGGACGYGNLYSQ
GYGTNTAALSTAMFNGLSCGACFEIRCVNDKQWCLGGSIVVTATNFCPPNNALPN
DAGGWCNPLHHFDLSQPVFQQIAHFRAGIVPVS YRRVPCQKKGIRFTMNGHSYFN
LVLITNVAGAGDVQSVSIKGSRTNWEPM SRNWGQNWQSSALLNGQALSFKVITSDG
HTITSYNVAPPNWSFGQTFAGQQFP*

CDS (coding sequence)

>KIEXPA-10

ATGGGTTTTGTGGGGCTGATGCTTGTGGGGTTGGTGTGTTTGAGCTCGTTTGCTGA
TGGGTATGGTGGAGGATGGACTGACGCTCATGCCACCTTCTACGGCGGGCGGCAT
GCTTCTGGCACAATGGGCGGTGCATGCGGGTATGGAACTTATACAGCCAGGGAT
ATGGGACTAACACCGCCGCTCTCAGCACTGCCATGTTCAACAATGGGCTGAGCTG
TGGAGCTTGTGTTTGGAGATTAGGTGTGTGAACGACAAGCAATGGTGTCTTGGAGGG
TCTATTGTGGTCACTGCTACTAACTTCTGCCCCCAAATAACGCTCTCCCGAATGA
TGCCGGAGGCTGGTGTAAACCCTCCTCTGCATCACTTCGATCTCTCTCAGCCTGTAT
TTCAACAAATCGCCACTTCAGGGCTGGAATTGTTTCCTGTTTCCTATAGAAGGGT
ACCTTGCCAGAAGAAAGGAGGGATAAAGTTCACTATGAACGGCCACTCCTACTTC
AACCTTGTTTTGATAACAAATGTTGCAGGAGCAGGAGATGTCCAGTCTGTTTCCA
TCAAGGGCTCCAGGACTAACTGGGAGCCCATGTCGAGAACTGGGGCCAAA
GGCAGAGCAGCGCCCTCCTCAACGGCCAAGCGCTGTCTTTCAAGGTCATCACCAG
CGACGGCCACACTATCACCTCCTACAATGTTGCTCCTCCAAATTGGTCCTTCGGCC
AGACCTTCGCTGGCCAGCAGTTTCCATGA

Nucleotide

>KIEXPA-10

CAAGCCTGCAACAGCAAGGACCAGTCGCCAGACAAGCCCAGACCTCCCTCACCA
GGATCTGTCTGACATTTAGCTGCTACTAGTCCCTAAAACCCTAATCTCTGCCACCA
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ACCACACACCCGTTTTTTCTAATTTACAATGCCGCAACGCTTTATACGACGCGGTC
TTGAGCTTTACAACAATGCTAGCGGTTTGGGGTCCCCACACTGGAGGCCCTGAGA
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CTCAGCACTGCCATGTTCAACAATGGGCTGAGCTGTGGAGCTTGT TTTGAGATTA
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TAACTTCTGCCCCCAAATAACGCTCTCCCGAATGATGCCGGAGGCTGGTGTAAAC
CCTCCTCTGCATCACTTCGATCTCTCTCAGCCTGTATTTCAACAAATCGCCACTT
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ATAGTAGGGCTACCCTTGTCAAGCTTACCTTGTA AATTGACTATGTTGACTAGAA
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CGGCCAGACCTTCGCTGGCCAGCAGTTTCCATGATCAA AAGCACC GCCTTTTCCA
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