

IDENTIFICATION

Species: *Kalanchoe laxiflora*

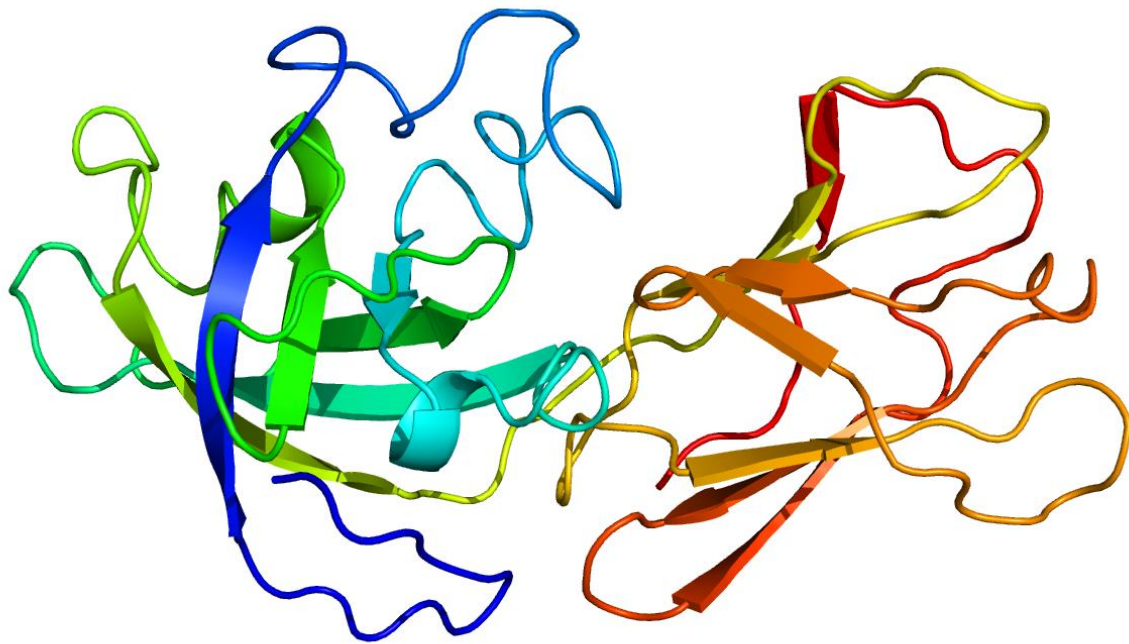
Locus: Kalax.0027s0099

Gene Model: Kalax.0027s0099.1.p

Description: KlEXPA-11

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

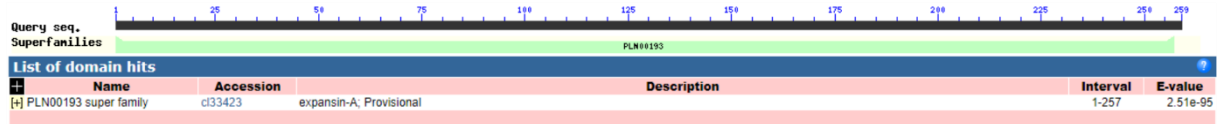
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-11

MASLLGLVLPLMGLVAALFTRGVNGTFYAQPWKMAHATFYGDETASETMGGACGY
GNLFQNGYGTATAALSSVLFNNGYACGECFQIKCYGSPNCYKGYPFITKITATNLCPP
NWSQDSNNGGWCNPPRQHFDMSKPAFMQIANWKAGIVPVMYRRVPCAKAGGLKF
RFEGNGYWLLVYVMNVSGAGDIMSMSVKGSKTQWIKMSHNWGASYQAFATLGGQ
SLSFMVTSYTTTHTVTAYNVAPANWQTGMTYSSSVNFN*

CDS (coding sequence)

>KIEXPA-11

ATGGCTTCTCTTCTCGGCCTCGTCTTGCCGCTAATGGGGCTCGTCGCGGCGCTCTT
CACTCGGGGAGTCAACGGTACCTTCTACGCCAGCCTTGAAGATGGCCACGCT
ACATTTTACGGCGACGAGACCGCTTCCGAAACCATGGGGGGGCTTGCGGATATG
GGAACCTGTTCCAGAACGGGTACGGGACAGCTACGGCGGCGCTGAGCTCGGTGC
TGTTCAACAACGGATACGCGTGCGGGGAGTGCTTTCAGATAAAGTGCTACGGATC
GCCCAACTGCTACAAGGGATATCCTTTCACGAAAATCACAGCCACGAACCTCTGC
CCGCCCAACTGGAGCCAGGACTCCAACAACGGAGGCTGGTGCAACCCTCCCAGA
CAACATTTTCGACATGTCCAAGCCGGCTTTCATGCAGATCGCCAACTGGAAGGCCG
GCATCGTCCCAGTCATGTACCGCAGGGTGCTTGC CGCAAGGCGGGAGGGCTGA
AGTTCCGATTCGAGGGGAACGGCTACTGGTTGCTGGTGTACGTGATGAATGTGTC
GGGGGCGGGAGACATCATGTCCATGTCAGTCAAGGGCAGCAAGACCCAGTGGAT
CAAAATGAGCCACAACCTGGGGCGCGTCTACCAGGCCTTCGCCACGCTCGGCGGC
CAATCTCTTTCTTCATGGTGACCTCCTACACTACTCACGAGACCGTCACTGCTTA
CAACGTGCGGCCAGCCAACCTGGCAGACCGGCATGACTTACTCATCCAGTGTCAAT
TTCAACTGA

Nucleotide

>KIEXPA-11

ATGGCTTCTCTTCTCGGCCTCGTCTTGCCGCTAATGGGGCTCGTCGCGGCGCTCTT
CACTCGGGGAGTCAACGGTACCTTCTACGCCAGCCTTGAAGATGGCCACGCT
ACATTTTACGGCGACGAGACCGCTTCCGAAACCATGGGTATGTTACAGTCCCTTTC
ATTTTCTGTCTTGAAGAATTTTCAACTAATTATTCATGACGGTGTGTAGAATTCGT
TTCTGACTTTATTTTTATTATTATTGTTGGATTTTTAGGGGGGGCTTGCGGATATG

GGAACCTGTTCCAGAACGGGTACGGGACAGCTACGGCGGGCGCTGAGCTCGGTGC
TGTTCAACAACGGATACGCGTGCGGGGAGTGCTTTCAGATAAAGTGCTACGGATC
GCCCAACTGCTACAAGGGATATCCTTTCACGAAAATCACAGCCACGAACCTCTGC
CCGCCCAACTGGAGCCAGGACTCCAACAACGGAGGCTGGTGCAACCCTCCCAGA
CAACATTTTCGACATGTCCAAGCCGGCTTTCATGCAGATCGCCAACCTGGAAGGCCG
GCATCGTCCCAGTCATGTACCGCAGGTGCTGATCGATCAGTTTTGAACGTGAATC
CGCCAACCTATTTTGATATTATCAGAATTCCAGCTGATAGAAAAACATAAACTTTC
AAATTGTTGTTTATATAGTAACTGACGATGTGGTCGGACATTTTGAAGGGTGCCTT
GCGCGAAGGCGGGAGGGGCTGAAGTTCCGATTCGAGGGGAACGGCTACTGGTTGC
TGGTGTACGTGATGAATGTGTCGGGGGCGGGAGACATCATGTCCATGTCAGTCAA
GGGCAGCAAGACCCAGTGGATCAAAATGAGCCACAACCTGGGGCGCGTCCTACCA
GGCCTTCGCCACGCTCGGCGGCCAATCTCTTTCCTTCATGGTGACCTCCTACACTA
CTCACGAGACCGTCACTGCTTACAACGTCGCGCCAGCCAACCTGGCAGACCGGCAT
GACTTACTCATCCAGTGTCAATTTCAACTGA