

IDENTIFICATION

Species: *Kalanchoe laxiflora*

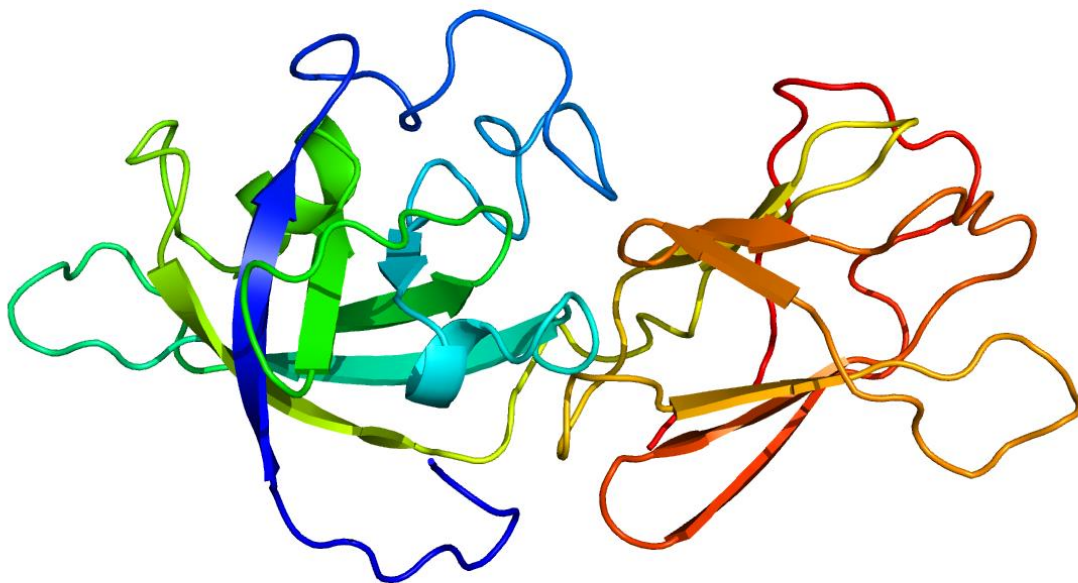
Locus: Kalax.0259s0005

Gene Model: Kalax.0259s0005.1.p

Description: KlEXPA-32

Family: Alpha Expansin

3D structure:



GENOME DATABASES

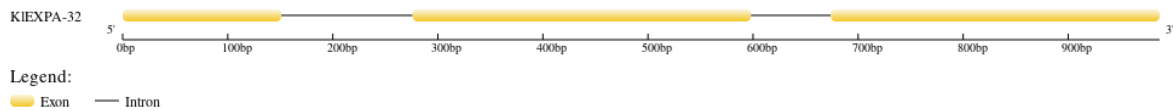
Phytozome: https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1

KEGG:-

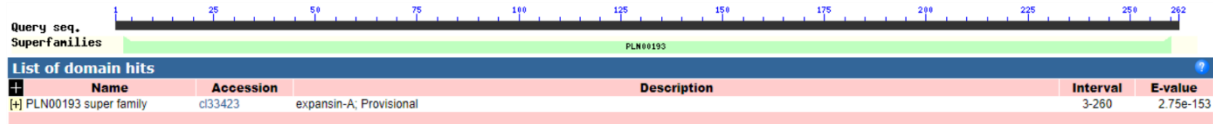
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-32

MASASIALAMVYLATLRFAMRSFLTVNGFTASAWTTGHATFYGGSDASGTMGGACG
YGNLYSTGYGTRTAALSTALFNDGASCGQCFKIICDYKNDPKWCRKGYSVTITATNF
CPPNYAQANNDGGWCNPPLKHFDMAQPAWEKIGIYSGGIPIIYQRVPCKKHGGVRF
TINGRDYFELVLITNMGGSGAIKSISVKGSKANTWSAMSRNWGANWQSNLYLNGQT
LSFQVTTDDGVTKIFSNIVPSGWTFGQTFSSSLQFS*

CDS (coding sequence)

>KIEXPA-32

ATGGCATCCGCAAGCATTGCGTTGGCAATGGTTTACTTGGCTACTCTATTCGCTAT
GCGCTCTTTCCTTACTGTCAATGGCTTCACAGCTTCCGCCTGGACTACAGGCCACG
CCACGTTTTATGGAGGCAGTGATGCTTCTGGAACAATGGGCGGCGCTTGTGGATA
CGGGAAGTTGTAAGTTCGACAGGTTATGGGACAAGGACAGCAGCTCTGAGCACAGC
ATTGTTCAATGATGGAGCTTCATGTGGCCAATGCTTCAAGATCATCTGTGACTAC
AAAAATGACCCTAAGTGGTGCCGGAAGGCTACTCTGTCACCATCACCGCCACCA
ATTTCTGCCACCAACTATGCGCAGGCCAACACGACGGTGGCTGGTGAATCC
GCCCCAAGCACTTCGACATGGCTCAGCCAGCCTGGGAGAAGATCGGTATCTAC
AGCGGTGGAATCATCCCATCATATACCAAAGAGTTCCATGCAAGAAACACGGA
GGGGTTAGGTTTACGATCAATGGAAGAGACTACTTTGAGCTAGTGCTGATCACCA
ATATGGGAGGAAGTGGAGCGATCAAGTCGATTTCCGGTGAAGGGATCCAAAGCTA
ATACTTGGAGTGCAATGTCCAGAACTGGGGTGCAAACTGGCAATCCAAGTTGTA
CCTCAACGGCCAGACTCTATCGTTTCAAGTCACGACGGACGACGGTGTGACCAA
ATCTTCTCAAACATAGTCCCCTCCGGATGGACTTTCGGACAGACCTTTTCCAGCTC
TCTCCAATTCAGTTGA

Nucleotide

>KIEXPA-32

ATGGCATCCGCAAGCATTGCGTTGGCAATGGTTTACTTGGCTACTCTATTCGCTAT
GCGCTCTTTCCTTACTGTCAATGGCTTCACAGCTTCCGCCTGGACTACAGGCCACG
CCACGTTTTATGGAGGCAGTGATGCTTCTGGAACAATGGGTATGGTTCAAGATCT
CAACTTTCTCGATACTGTCTCATTCAACTAGACAACATATAACCAGATTAGCTATA
CATGGCGGCTTGTGTGACTGAATGTTTCCGTTTCGTTAAATGTTTGATTCTAGGCG

GCGCTTGTGGATACGGGAAC TTGTACTCGACAGGTTATGGGACAAGGACAGCAG
CTCTGAGCACAGCATTGTTCAATGATGGAGCTTCATGTGGCCAATGCTTCAAGAT
CATCTGTGACTACAAAAATGACCCTAAGTGGTGCCGGAAAGGCTACTCTGTCACC
ATCACCGCCACCAATTTCTGCCCACCAA ACTATGCGCAGGCCAACAAACGACGGTG
GCTGGTGCAATCCGCCCTCAAGCACTTCGACATGGCTCAGCCAGCCTGGGAGAA
GATCGGTATCTACAGCGGTGGAATCATCCCCATCATATACCAAAGGTAATGTACC
TTAGGTTTAAAATTTTAATAAATTTTTTTTATATATATTTATTATATGATTAAGACG
CATGTTGCAGAGTTCCATGCAAGAAACACGGAGGGGTTAGGTTTACGATCAATGG
AAGAGACTACTTTGAGCTAGTGCTGATCACCAATATGGGAGGAAGTGGAGCGAT
CAAGTCGATTTCCGGTGAAGGGATCCAAAGCTAATACTTGGAGTGCAATGTCCAGA
AACTGGGGTGCAA ACTGGCAATCCA ACTTGTACCTCAACGGCCAGACTCTATCGT
TTCAAGTCACGACGGACGACGGTGTGACCAA AATCTTCTCAAACATAGTCCCCTC
CGGATGGACTTTCGGACAGACCTTTTCCAGCTCTCTCCAATTCAGTTGA