

IDENTIFICATION

Species: *Kalanchoe laxiflora*

Locus: Kalax.0155s0060

Gene Model: Kalax.0155s0060.1.p

Description: KlEXPA-28

Family: Alpha Expansin

3D structure:



GENOME DATABASES

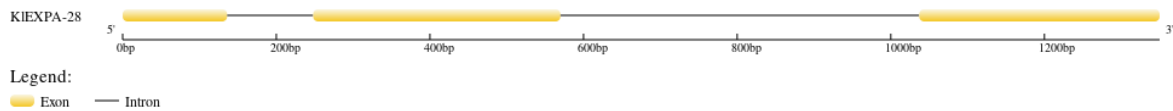
Phytozome: https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1

KEGG:-

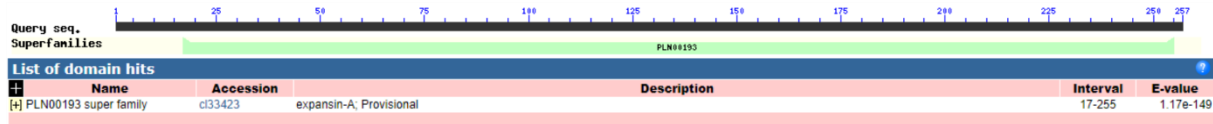
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-28

MASASFALAALFATCSFLTANGFTASAWASAHATFYGGSDASGTMGGACGYGNLYS
TGYGTRTAALSTALFNNGASCQCFCIKDFKTDPTWCRKGYSVTVTATNYCPPNYA
QANDNGGWCNPPLKHFDMAQPAWEKIGIYRGGIIPVIYQRVPCQKRGGVRFINGRD
YFELVLISNVGGSGAIKSISVKGSKTNTWSVMSRNWGANWQSNQYLNGQALSFQVT
TDDGVTKIFSNIWPSGWTFGQTFSSSLQFT*

CDS (coding sequence)

>KIEXPA-28

ATGGCGTCAGCAAGTTTTGCACTGGCTGCTCTATTTGCTACGTGCTCTTTTCTTAC
TGCCAATGGCTTCACAGCTTCCGCCTGGGCTTCAGCTCATGCCACGTTTTACGGTG
GCAGTGATGCTTCTGGAACAATGGGCGGCGCTTGTGGATATGGGAACCTGTACTC
GACCGGCTACGGGACGAGGACAGCAGCCCTGAGCACAGCATTGTTCAACAATGG
AGCGTCGTGTGGGCAGTGCTTCAAGATCATATGTGACTTCAAGACAGACCCTACT
TGGTGCAGGAAAGGCTATTCCGTCACCGTCACCGCCACCAACTACTGCCCGCCAA
ATTACGCCCAGGCCAACGACAACGGCGGCTGGTGCAACCCACCCCTCAAGCATTT
CGACATGGCCCAGCCAGCCTGGGAGAAGATTGGTATCTACAGAGGCGGCATCAT
CCCCGTCATATACCAAAGAGTTCCATGCCAGAAACGGGGAGGGGTGCGGTTTAC
GATCAACGGAAGGGATTACTTTGAGCTGGTGCTGATCAGCAATGTAGGCGGGAG
CGGAGCCATCAAGTCGATTTCCGGTCAAGGGATCCAAAATAACTTGGAGTGTA
ATGTCTAGAACTGGGGTGCAAACCTGGCAGTCCAATCAGTACCTCAACGGCCAG
GCTCTGTCTTCCAAGTCACAACGGACGACGGTGTACCAAGATCTTCTCAAACA
TCGTCCCCCTCCGGCTGGACCTTCGGACAGACCTTTTCCAGCTCCCTCCAATTCACA
TGA

Nucleotide

>KIEXPA-28

ATGGCGTCAGCAAGTTTTGCACTGGCTGCTCTATTTGCTACGTGCTCTTTTCTTAC
TGCCAATGGCTTCACAGCTTCCGCCTGGGCTTCAGCTCATGCCACGTTTTACGGTG
GCAGTGATGCTTCTGGAACAATGGGTATGGGTCAAGATTTCAACTTTGTGTTATTC
AACTGGATATCTGACCACATTGATTACGTGGCGGCTCATGTGACTGATGTTTCATT
GTTTTGGTAAATGTTTGATTCTAGGCGGCGCTTGTGGATATGGGAACCTGTACTCG

ACCGGCTACGGGACGAGGACAGCAGCCCTGAGCACAGCATTGTTCAACAATGGA
GCGTCGTGTGGGCAGTGCTTCAAGATCATATGTGACTTCAAGACAGACCCTACTT
GGTGCAGGAAAGGCTATTCCGTCACCGTCACCGCCACCAACTACTGCCCGCCAAA
TTACGCCCAGGCCAACGACAACGGCGGCTGGTGCAACCCACCCCTCAAGCATTTC
GACATGGCCCAGCCAGCCTGGGAGAAGATTGGTATCTACAGAGGGCGGCATCATC
CCCGTCATATAACCAAAGGTATGTGTATATATATTTGCGCAGGCCTAAAGAATTTCG
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TGGTTTGTTCATACTGACCTTTTCGCAGTTATGAAATACGAAAATTCCTATTA
TTTTCGCTGTTTCGCAACCGCGAAAATTTTCATGTGATTGAAGTATTTTTAGGGTTTC
AATTTTCGCAGTTACGAAGTGCGAAAATCACAGGAAATTTTTCTCGGTTGCGAAC
TGCAAAAAGGACAATATGGAAAACAAACCAAGCGGAGGTTCAAACATGATAGAG
AATGAAGCGAAAAAATCATATTTGATAAAAAAATCAAAGAATTCAGCATTTCAGA
ATTTCTAATAAAATCAAATTTTTCGGCTTTTGAATTCTCTGATGATTAGGTGCGTG
CGTTTTTGAGTAATGTTTGACTGATGATCGGTTATTTGCAGAGTTCCATGCCAGAA
ACGGGGAGGGGTGCGGTTTACGATCAACGGAAGGGATTACTTTGAGCTGGTGCT
GATCAGCAATGTAGGCGGGAGCGGAGCCATCAAGTCGATTTTCGGTCAAGGGATC
CAAACATAACTTGGAGTGTAATGTCTAGAACTGGGGTGCAAACCTGGCAGTCC
AATCAGTACCTCAACGGCCAGGCTCTGTCGTTCCAAGTCACAACGGACGACGGTG
TCACCAAGATCTTCTCAAACATCGTCCCCTCCGGCTGGACCTTCGGACAGACCTTT
TCCAGCTCCCTCCAATTCACATGA