

IDENTIFICATION

Species: *Kalanchoe laxiflora*

Locus: Kalax.0712s0003

Gene Model: Kalax.0712s0003.1.p

Description: KlEXPA-50

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

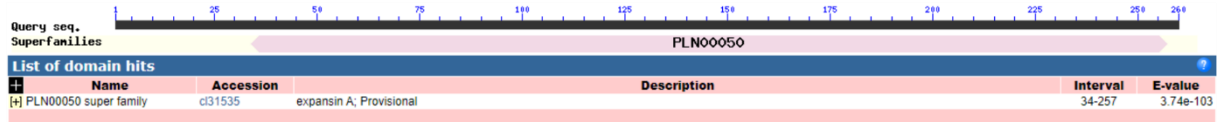
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-50

MAPSTLLLCFLTTLTLLLSASVNRIPGVFTAGEWQSAHATFYGGSDASGTMGGACGY
GNLYSQGYGVNTAALSTALFNGLSCGACFEMKCADDPRWCHPGSPSIFITATNFCP
PNFAQPSDDGGWCNPPRHAHDLGGDIKYKINLAGISHLIKIYRVPCRKAGGIRFTVNG
FKYFNLVLVTNVAGAGDIVRVSIGARTNWLSMSRNWQNWQSNVAVLVGHALSFR
VTGSDRCTSTSWNAAPASWQFGQFTTGKNFRV*

CDS (coding sequence)

>KIEXPA-50

ATGGCACCTCCACGCTCCTCCTCTGCTTCCTCACTACTACGCTGCTTCTCTCCGC
CTCTGTGAACGCTCGCATCCCCGGCGTGTTACCGCCGGCGAATGGCAGAGCGCG
CATGCCACCTTCTATGGCGGCAGCGACGCATCCGGCACAATGGGCGGAGCTTGCG
GTTACGGGAACCTTGACAGCCAAGGGTACGGCGTGAACACGGCTGCTCTGAGCA
CTGCTCTGTTCAACAACGGGCTTAGTTGCGGTGCTTGTGTTTGGAGATGAAATGCGCT
GACGACCCAGATGGTGCCACCCCGGTAGCCCCCTCCATCTTCATCACTGCCACCA
ACTTCTGTCCCCCAACTTCGCTCAGCCAAGCGACGACGGCGGATGGTGCAACCC
TCCTCGCCATGCCATGACTTAGGAGGAGATATTAAGTATAAAATAAACCTAGCA
GGAATCTCACACTTGATCAAAATTTACAGAGTACCCTGTTCGAAAGCTGGAGGGA
TCCGATTCACCGTCAACGGATTCAAGTATTTCAACCTGGTCCTCGTGACCAATGTC
GCCGGCGCCGGAGATATCGTCCGCGTGAGCATCAAGGGCGCCAGGACCAACTGG
TTAAGCATGAGCAGAACTGGGGGCAAACTGGCAGTCCAACGCCGTTCTGGTC
GGCCATGCTCTCTCCTTCCGCGTCACCGGCAGCGACCGTTGCACATCCACCTCCTG
GAACGCCGCGCCCGCCAGCTGGCAGTTCGGCCAGACATTCACCGGCAAGAATTC
AGGGTCTGA

Nucleotide

>KIEXPA-50

ATGGCACCTCCACGCTCCTCCTCTGCTTCCTCACTACTACGCTGCTTCTCTCCGC
CTCTGTGAACGCTCGCATCCCCGGCGTGTTACCGCCGGCGAATGGCAGAGCGCG
CATGCCACCTTCTATGGCGGCAGCGACGCATCCGGCACAATGGGTAACCACCTCA
ACTCAAATCGACAACAGATTCCCTCTCTAGTGCCGACTAACGATTGTTTTTCAGGC
GGAGCTTGCGGTTACGGGAACCTTGACAGCCAAGGGTACGGCGTGAACACGGCT

GCTCTGAGCACTGCTCTGTTCAACAACGGGCTTAGTTGCGGTGCTTGTTTTGAGAT
GAAATGCGCTGACGACCCCAGATGGTGCCACCCCAGTAGCCCCTCCATCTTCATC
ACTGCCACCAACTTCTGTCCCCCAACTTCGCTCAGCCAAGCGACGACGGCGGAT
GGTGCAACCCTCCTCGCCATGCCATGTTCCCTTAAAATCGCCGAGTACCGTGCTG
GCATTGTACCCGTCACTTACCGACGGTACGCCCATACCCAACCTCAAAAACCTTTTT
ACCGACAGCCAGCCACCTCCAAAGTCATGCCATTTTTGTATAATAAACCTCCACCG
GGGATGGGATCGGTTTTCTCTTTGTGACCCTAGCTAGCTAGCTAGCTCTGGATCG
AGTAGGAGTAGAGAGTAATTGTGTAGTTGTAGTTCCCAGCTTTACTAAATACTTA
ATTACTAGTTAGTATAGGTTAGGACTTAGGAGGAGATATTAAGTATAAAATAAAC
CTAGCAGGAATCTCACACTTGATCAAAATTTACAGAGTACCCTGTCGGAAAGCTG
GAGGGATCCGATTCACCGTCAACGGATTCAAGTATTTCAACCTGGTCCTCGTGAC
CAATGTCGCCGGCGCCGGAGATATCGTCCGCGTGAGCATCAAGGGCGCCAGGAC
CAACTGGTTAAGCATGAGCAGAACTGGGGGCAAACTGGCAGTCCAACGCCGT
TCTGGTCGGCCATGCTCTCTCCTTCCGCGTCACCGGCAGCGACCGTTGCACATCCA
CCTCCTGGAACGCCGCGCCCGCCAGCTGGCAGTTCGGCCAGACATTCACCGGCAA
GAATTTCAAGGTCTGA