

IDENTIFICATION

Species: *Kalanchoe laxiflora*

Locus: Kalax.0274s0039

Gene Model: Kalax.0274s0039.1.p

Description: KlEXPA-35

Family: Alpha Expansin

3D structure:



GENOME DATABASES

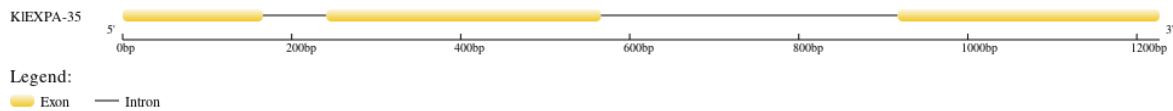
Phytozome: https://phytozome-next.jgi.doe.gov/info/KlaxifloraFTBG2000359A_v3_1

KEGG:-

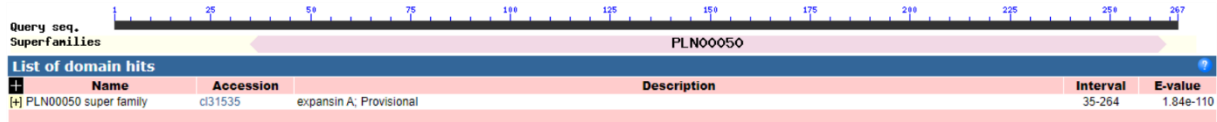
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPA-35

MDVSTRPPLFIACLTLFVSISQARVPGVYSGGPWQRAHATFYGENDASGTMGG
ACGYGNLYDSGYGLNTAALSTVLFNDGFSCGACFEIKCVNEPKWAWCFPGSPSIFITA
TNLCPPNWSIPSDNGGWCNPPRPHFDLSVPMFTKLAQYKAGIVPINYRRVPCKKQGG
MRFTMNGNPWFNIVLITNVAGAGNIISVRIKGSNTVWIKMQKNWGQNWQCGLTLV
GQSVSFRVKTS DhRTSTTLNAVPANWQFGQSFTGRNFKI*

CDS (coding sequence)

>KIEXPA-35

ATGGATGTCAGCACTAGACCTCCTCTCTTTATTATTGCATGTCTGACGCTGCTATT
TTCAGTAGTGTCCATCTCCCAAGCCAGAGTACCCGGCGTCTACAGCGGCGGCCCC
TGGCAGAGAGCCCACGCCACTTTCTACGGCGAGAACGACGCCAGTGGAACCATG
GGAGGAGCGTGTGGCTACGGGAACCTGTACGACAGCGGGTACGGCCTGAACACG
GCTGCACTGAGCACGGTCTTGTTCAACGACGGCTTCAGCTGCGGGCGCTTGCTTTG
AGATCAAGTGTGTCAACGAGCCTAAGTGGGCGTGGTGCTTCCCAGGAAGTCCTTC
CATCTTCATCACAGCCACCAACCTCTGCCCCCAACTGGTCCATCCCCAGCGAC
AACGGCGGCTGGTGAACCCTCCACGCCCCACTTCGACCTCTCCGTGCCCATGT
TCACCAAACCTCGCCAGTACAAAGCCGGCATTGTCCCATCAACTACCGCCGGGT
GCCTTGCAAGAAGCAGGGAGGAATGAGGTTACGATGAACGGCAACCCGTGGTT
CAACATCGTACTGATAACCAACGTGGCCGGCGCAGGGAACATAATCAGCGTGAG
AATCAAGGGATCCAACACTGTGTGGATCAAGATGCAGAAGAACTGGGGGCAGAA
CTGGCAGTGTGGTGTAACTCTAGTAGGACAGTCGGTCTCCTTCAGAGTGAAAACC
AGTGACCACAGGACCTCCACTACTTTGAATGCCGTGCCCGCTAACTGGCAGTTCG
GCCAGTCATTCACCGGAAGGAACCTCAAGATCTGA

Nucleotide

>KIEXPA-35

ATGGATGTCAGCACTAGACCTCCTCTCTTTATTATTGCATGTCTGACGCTGCTATT
TTCAGTAGTGTCCATCTCCCAAGCCAGAGTACCCGGCGTCTACAGCGGCGGCCCC
TGGCAGAGAGCCCACGCCACTTTCTACGGCGAGAACGACGCCAGTGGAACCATG
GGTACCACCTCATCCATTGTCACTCAATCATCAAATCCATTTTTCTTTGGTTTTT
TGAATTTTGGTTGCACCAGGAGGAGCGTGTGGCTACGGGAACCTGTACGACAGCG

GGTACGGCCTGAACACGGCTGCACTGAGCACGGTCTTGTTCAACGACGGCTTCAG
CTGCGGGCGCTTGCTTTGAGATCAAGTGTGTCAACGAGCCTAAGTGGGGCGTGGTGC
TTCCCAGGAAGTCCTTCCATCTTCATCACAGCCACCAACCTCTGCCCCCCTAACTG
GTCCATCCCCAGCGACAACGGCGGCTGGTGAACCCTCCACGCCCCCACTTCGAC
CTCTCCGTGCCCATGTTACCAAACCTCGCCAGTACAAAGCCGGCATTGTCCCA
TCAACTACCGCCGGTAATACCTTCCCTCTTCTCCGTGCTCTACTTACAACCAAATG
AGTATTTAGCCCTCGGTCAAAAACCATAACCAAAGCGACAACCTCAATAGTAAAT
TCTTAGTAAATCGTCTTTTAAGTGTGGGATTGAATGGTAAATTAATCACATTTGT
GTATTTGTGGACGTTAATATTTTCAGCGTCAATAGGGACATGGAGGTAATTTGACA
TCATAAAGGAGAAGTACGTAGCGACCGTCCGTCCGGTGCTTTTCAGCATTTTGCATT
TTGTAATTGTATTTGTATCACTTAGATCTGCATCATCATCACTCCTGCTAAATATT
TATTTGTTTTCCAACCTGTTGTGGGCTGCAGGGTGCCTTGCAAGAAGCAGGGAGGA
ATGAGGTTACGATGAACGGCAACCCGTGGTTCACATCGTACTGATAACCAACG
TGGCCGGCGCAGGGAACATAATCAGCGTGAGAATCAAGGGATCCAACACTGTGT
GGATCAAGATGCAGAAGAAGTGGGGGCAGAAGTGGCAGTGTGGTGTAACTCTAG
TAGGACAGTCGGTCTCCTTCAGAGTGAAAACCAGTGACCACAGGACCTCCACTAC
TTTGAATGCCGTGCCCGCTAACTGGCAGTTCGGCCAGTCATTCACCGGAAGGAAC
TTCAAGATCTGA