

IDENTIFICATION

Species: *Kalanchoe fedtschenkoi*

Locus: Kaladp0075s0052

Gene Model: Kaladp0075s0052.1.p

Description: KfEXPA-20

Family: Alpha Expansin

3D structure:



GENOME DATABASES

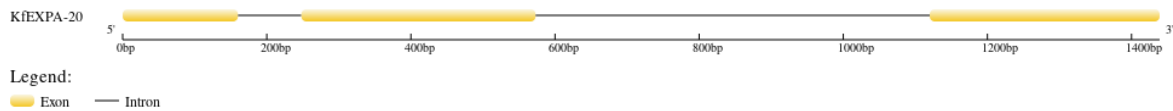
Phytozome: https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi_v1_1

KEGG:-

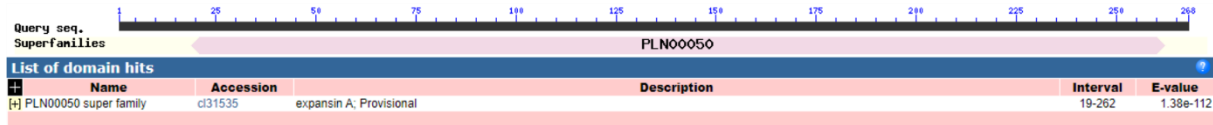
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KfEXPA-20

MDVSFRLVYIACVTLLLSVASISRARVPGSYEGGPWRKAHATFYGEMDATGTMGGA
CGYGNLYETGYGVNTAALSTALFNDGFSCGSCFEIQC VNEPNWAWCLPGKPSIFITAT
NFCPPNWSIPSDNGGWCNPPRPHFDLSVPMFTKLAQYRAGIVPINYRRVPCMKRGGIR
FTMNGNPWFNLVLSNVAGAGDIISVSIRGSNTGWMKMEKNWGQNWQCGVTLVG
QSI SFKVKTS DHRTSTSLNVVPASWKFGQSFTGRNFKTPRF*

CDS (coding sequence)

>KfEXPA-20

ATGGATGTAAGCTTTAGACTCGTATACATTGCATGTGTGACTCTGCTACTGTCAGT
AGCGTCCATTTCCCGAGCTAGAGTCCCCGGTTCCTACGAGGGCGGCCCTGGCGG
AAGGCCACGCCACTTTTTACGGCGAAATGGACGCCACTGGAACCATGGGAGGC
GCATGTGGTTACGGGAACCTGTACGAAACCGGCTACGGAGTGAACACGGCTGCT
CTGAGCACGGCCCTGTTCAACGACGGCTTCAGCTGCGGCTCCTGCTTTGAAATAC
AGTGTGTCAACGAGCCTAACTGGGCGTGGTGCCTCCCTGGAAAGCCTTCCATCTT
CATCACCGCCACCAACTTCTGCCCCCGAACTGGTCCATCCCCAGCGATAACGGA
GGCTGGTGCAACCCTCCCCGCCCCCACTTCGACCTCTCCGTCCCATGTTACAAA
GCTCGCCAGTACAGAGCCGGCATTGTCCCATCAACTACCGCAGGGTGCCTTGC
ATGAAGCGGGGAGGGATCAGGTTACGATGAACGGCAACCCGTGGTTCAACTTG
GTA CT TGT TAGCAACGTGGCCGGCGCCGGGATATAATCAGCGTGAGCATTAGGG
GATCCAACACTGGGTGGATGAAGATGGAGAAGAACTGGGGGCAGAACTGGCAGT
GTGGTGTAACTCTGGTTGGACAGTCAATCTCATTCAAAGTGAAAACCAGTGACCA
TAGGACCTCCACTTCTTTGAACGTCGTGCCCGCTAGCTGGAAGTTCGGCCAGTCA
TTCACCGGAAGGAACTTCAAGACCCCCCGATTTTAG

Nucleotide

>KfEXPA-20

ATGGATGTAAGCTTTAGACTCGTATACATTGCATGTGTGACTCTGCTACTGTCAGT
AGCGTCCATTTCCCGAGCTAGAGTCCCCGGTTCCTACGAGGGCGGCCCTGGCGG
AAGGCCACGCCACTTTTTACGGCGAAATGGACGCCACTGGAACCATGGGTACA
ACAACCTGATGTCTTTTGCTTGTCTTGTGCTGTCGATGTGGCTTGTCTTACTTTTTT
CTTATAAAAATTTTGGATTGCACCAGGAGGCGCATGTGGTTACGGGAACCTGTAC

GAAACCGGCTACGGAGTGAACACGGCTGCTCTGAGCACGGCCCTGTTCAACGAC
GGCTTCAGCTGCGGCTCCTGCTTTGAAATACAGTGTGTCAACGAGCCTAACTGGG
CGTGGTGCCTCCCTGGAAAGCCTTCCATCTTCATCACCGCCACCAACTTCTGCCCC
CCGAACTGGTCCATCCCCAGCGATAACGGAGGCTGGTGCAACCTCCCCGCCCC
ACTTCGACCTCTCCGTCCCCATGTTCAAAAGCTCGCCCAGTACAGAGCCGGCAT
TGTCCCATCAACTACCGCAGGTATCACCTTCTCTCATTGCTGCTCTGCTTCTTGT
TTGTGCTCTAATGACTATTTTTACCTCTGAGAAACAAAATCATTGTTGGCCAATGCTC
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AAGGTCTTGTCACGTTTATTATTAATATTGATGTAAGGTGTTTGGTAGGATTAATA
TTAATAATCCCAAATACAAATTTTATCTTTGTGAATAAGAATTAATAATACTTATC
CTGATACTAATAATACCCTCACTACCTTACATATATGTGCTGCATTGTTTTGGTTT
GTTTTCTTTTTCCAATTTATTATAAATAAATAAAAGAATCACAAACAGGGGTATGAT
GGTATTTTCGACATCAGTAGGTTAGTACCTACCATCCGTGCTTACAGTATTTCCG
CTTGCGTCGCTTCGCCAGCAACCTTCCCCTGCTTAACACTTACACAACCTGTTTGGAG
GGGTGCAGGGTGCCTTGCATGAAGCGGGGAGGGATCAGGTTACAGATGAACGGC
AACCCGTGGTTCAACTTGGTACTTGTTAGCAACGTGGCCGGCGCCGGGGATATAA
TCAGCGTGAGCATTAGGGGATCCAACACTGGGTGGATGAAGATGGAGAAGA
GGGGCAGAACTGGCAGTGTGGTGTAACTCTGGTTGGACAGTCAATCTCATTCAA
AGTGAAAACCAGTGACCATAGGACCTCCACTTCTTTGAACGTCGTGCCCCGCTAGC
TGGAAGTTCGGCCAGTCATTCACCGGAAGGAACCTCAAGACCCCCCGATTTTAG