

IDENTIFICATION

Species: *Kalanchoe fedtschenkoi*

Locus: Kaladp0002s0124

Gene Model: Kaladp0002s0124.1.p

Description: KfEXPA-01

Family: Alpha Expansin

3D structure:



GENOME DATABASES

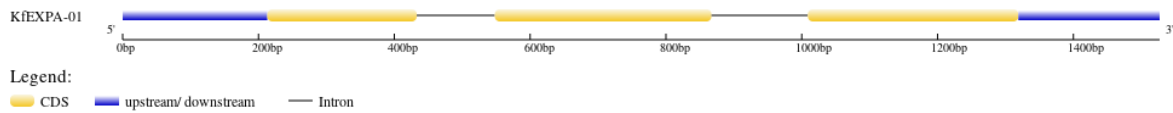
Phytozome: https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi_v1_1

KEGG:-

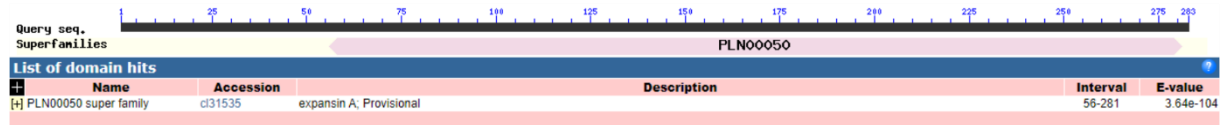
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KfEXPA-01

MKVPWFILLMTTLFLVVLPLPDHQQVHASRSNIIAERGHLPNTAKHHKPPFRPGPWKP
AHATFYGGSDGSQTMGGACGYENLIEEGYGLQTAALSQQLFNGGQTCGACYEIKCV
NDAQWCKPGQPSMLVTATNLCPPNGQLSSQNGGWCNPPLEHFDIAQPAFVQVAEYK
AGIIPVQYRRIPCQKKGGIKFTITGNPYFNMVLVWNVGGAGDVTSLQVKGKKLKW
TQMDRNWGQKWTTGAMMQGERLFRVTTSDGKTSTSWNIVPENWQFGQTFEGKNF
K*

CDS (coding sequence)

>KfEXPA-01

ATGAAGGTTTCCTTGGTTTATTTTGTTAATGACAACATTGTTTCTTGTGTCCTGCC
TTGCCCGACCATCAGGTGCACGCAAGTAGAAGTAACATCATCGCTGAGCGCGGTC
ATCTCGCACCCAACACAGCCAAGCACCACAAGCCTCCGTTCCGACCTGGTCCATG
GAAGCCTGCTCATGCTACATTTTACGGAGGATCCGATGGCTCGCAGACAATGGGT
GGGGCTTGC GGATATGAGAACTTGATTGAGGAAGGCTACGGCCTTCAAACCGCTG
CGTTAAGCCAGCAGTTGTTCAACGGCGGGCAGACCTGTGGGGCTTGCTATGAGAT
AAAGTGCGTGAATGATGCCCAATGGTGAAGCCAGGGCAGCCGCTATGCTTGTG
ACAGTACCAATCTATGCCCCCAACGGCCAGTTGTCCAGCCAGAATGGAGGGT
GGTGAACCCTCCTCTGGAGCATTTTACATAGCTCAGCCGGCTTTTGTCCAAGTG
GCCGAGTACAAAGCTGGCATCATCCCTGTTCAATACAGAAGGATTCCTTGCCAAA
AGAAAGGAGGTATAAAGTTCACAATCACCGGAAACCCCTACTTCAACATGGTCCCT
GGTGTGGAACGTGGGAGGAGCCGGAGATGTGACCAGCCTACAAGTGAAGGGGGG
CAAGAAGCTTAAGTGGACGCAAATGGACCGGAACTGGGGCCAAAAATGGACCAC
CGGAGCAATGATGCAAGGGGAGAGACTCACGTTTAGAGTGACTACTAGTGATGG
AAAACTTCAACCTCATGGAACATCGTACCCGAAAATTGGCAATTTGGACAGACC
TTCGAAGGCAAGAACTTCAAGTAG

Nucleotide

>KfEXPA-01

AAATAGATTCCCCAAGTGAAGATTAAGATTTAAATTGACCGCAATTGACTCCCT
GTTGCACTCTAAACCTCTCAGAGAATCTCAAACCCACAAAATTGGGATCAAAT
TAAGCACCCTGAAAATATATTTTCAGCCAGCTAATTACTCTGCAGGAAATCCAA

TCCGAGGAAGCAAGTTCAGATTAAGGAAAAACAGAAGCAGAAGAAGATATGAA
GGTTCCTTGGTTTATTTTGTTAATGACAACATTGTTTCTTGTGTGCCTGCCCTTGCC
CGACCATCAGGTGCACGCAAGTAGAAGTAACATCATCGCTGAGCGCGGTCATCTC
GCACCCAACACAGCCAAGCACCACAAGCCTCCGTTCCGACCTGGTCCATGGAAGC
CTGCTCATGCTACATTTTACGGAGGATCCGATGGCTCGCAGACAATGGGTATAGC
ACAGCTTAGTGATATACTGCTGATTTCTTACCATTTGTGTTTACTTTACTAAGTGTT
TCTAGACGTAAAAAGATGAGTAAAATATTAGTGTTTGTGGTGGTGTTCAGGTGG
GGCTTGCGGATATGAGAACTTGATTGAGGAAGGCTACGGCCTTCAAACCGCTGCG
TTAAGCCAGCAGTTGTTCAACGGCGGGCAGACCTGTGGGGCTTGCTATGAGATAA
AGTGCGTGAATGATGCCCAATGGTGCAAGCCAGGGCAGCCGTCTATGCTTGTGAC
AGCTACCAATCTATGCCCCCCAACGGCCAGTTGTCCAGCCAGAATGGAGGGTGG
TGCAACCTCCTCTGGAGCATTTTGACATAGCTCAGCCGGCTTTTGTCCAAGTGGC
CGAGTACAAAGCTGGCATCATCCCTGTTCAATACAGAAGGTAATTAAGCACAGTA
GCAAAATAATCTTCAGGAAATTCATGTGATCATATCATTGCAGAAAATAATGCTG
TAAAAACTGTACAGGATTCAAATCCACATTTTTTTTTTAATTTGAGTTGGATTTTTT
ATTTTGACACTTCAGGATTCCTTGCCAAAAGAAAGGAGGTATAAAGTTCACAATC
ACCGGAAACCCCTACTTCAACATGGTCCTGGTGTGGAACGTGGGAGGAGCCGGA
GATGTGACCAGCCTACAAGTGAAGGGGGGCAAGAAGCTTAAGTGGACGCAAATG
GACCGGAACTGGGGCCAAAATGGACCACCGGAGCAATGATGCAAGGGGAGAG
ACTCACGTTTAGAGTGACTACTAGTGATGGAAAACTTCAACCTCATGGAACATC
GTACCCGAAAATTGGCAATTTGGACAGACCTTCGAAGGCAAGA ACTTCAAGTAGT
AAGGTATCTAATTGGTGTGGCTATGTGAACACATATGCGATGACATTCTACGTCG
TTTTAGAGATACATAGAGTAAGAAACATTGTACATGGATGGTTTGTTCCTCAGC
ATTTGTGTTACCCGGTCCCTACTGCGAGGACCTTTATATCCATCTCTAGAGTTTAA
ATCTTGATAGTTGGATATGTGCGTTTTAATTTATATTAATG