

IDENTIFICATION

Species: *Kalanchoe fedtschenkoi*

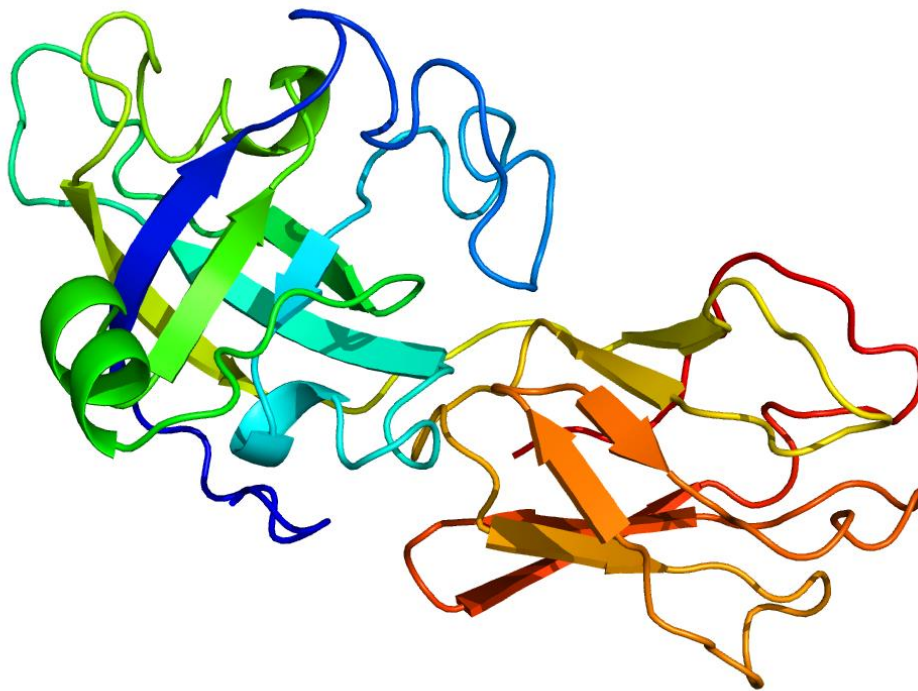
Locus: Kaladp0674s0163

Gene Model: Kaladp0674s0163.1.p

Description: KfEXPA-27

Family: Alpha Expansin

3D structure:



GENOME DATABASES

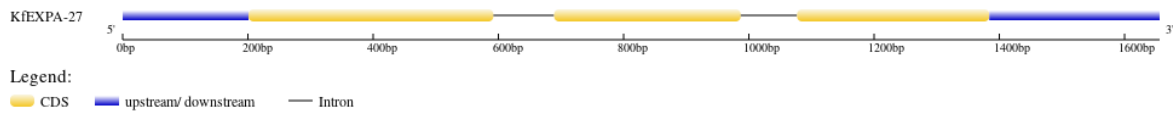
Phytozome: https://phytozome-next.jgi.doe.gov/info/Kfedtschenkoi_v1_1

KEGG:-

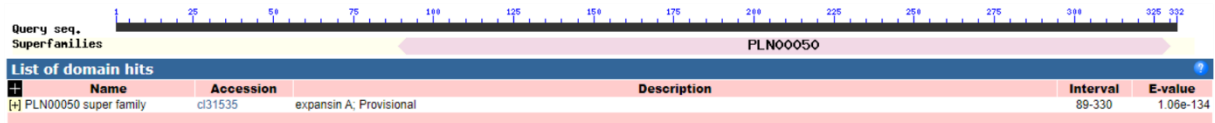
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KfEXPA-27

MPMTLGIAISLPIKLPPLFFCVLDVAGWVVYISPSFRHSFLIAACFCVFERVWYVCF
VKLSCLMKCCNELVMVPFGFLAFAVQGEMGFAGFLLVCFLSLGAFVDGHGGGWS
DAHATFYGGGDASGTMGGACGYGNLYSQGYGTDTAALSTALFNNGLSWGACFELK
CVNDDQWCRPGSIVVTATNFCPPNGLGGWCDPPRQHFDLSQPVFLQIAAYKAGVVP
VAFRRVPCRKRGGIRFTINGHRYFNLVLITNVGGAGDVQSVSVKGSRTNWQTMSRN
WGQNWQSNSDLNGQSLFKVTTSDGYTVTCDNVASSGWQFGQTFSLQFP*

CDS (coding sequence)

>KfEXPA-27

ATGCCGATGACACTCGGCATCGCGATCTCACTACCCATTAACCTCCGCCTCTTTT
GTTTTCTGTGTGCTTGATGTTGCTGGCTGGGTAGTATATATTAGCCCATCATTCC
GCCATTCGTTTCTCATCGCTGCTTGTCTTCTGCGTGTTTGAGCGGGTTTGGTATGTG
TGTTTCTTTGTGAAGCTCAGCTGTTTGATGAAATGCTGCAACGAGCTTGTCATGGT
GCCATTTGGTTTCTTTCTGGCTTTTGCTGTGCAGGGAGAGATGGGGTTTGTCTGGGT
TCCTCTTGGTGTGTTTTCTCAGCTTGGGTGCGTTCGTGGATGGGCATGGTGGCGGC
TGGAGTGACGCTCATGCTACGTTCTACGGCGGGGGTGATGCTTCTGGCACAAATGG
GCGGTGCTTGTGGGTATGGCAATCTGTACAGCCAAGGCTACGGGACTGACACTGC
AGCTTTGAGCACTGCTCTTTTCAACAACGACTGAGCTGGGGAGCGTGTTTTGAG
CTCAAATGTGTGAATGACGACCAATGGTGCCGCCCTGGTTCATCGTGGTCACCG
CCACCAACTTCTGCCCGCCAACGGTCTCGGAGGCTGGTGTGACCCTCCCCGCCA
GCACTTTGATCTCTCTCAGCCGGTGTTTTTACAAATCGCTGCATACAAAGCTGGAG
TCGTCCCTGTGGCCTTCAGAAGGGTTCATGCCGCAAGAGAGGGGGGAATCAGATT
CACAATCAACGGCCACCGGTACTTCAACCTGGTCCTTATAACCAATGTTGGCGGC
GCGGGGGACGTCCAGTCAGTTTCAGTCAAAGGATCAAGAACCAACTGGCAGACC
ATGTCAAGAACTGGGGTCAGAACTGGCAGAGCAACTCGGACCTCAATGGCCAG
AGCCTCTCCTTCAAGGTGACCACCAGTGACGGCTACACTGTCACCTGCGACAATG
TCGCTTCTCAGGGTGGCAATTTGGCCAAACCTTTTCAGGCCTTCAGTCCCATGA

Nucleotide

>KfEXPA-27

TAATCCATTTTAAATTTTATTATTTGTTTTTTCAGCTAACCAATAAACGAAAATAA
AACCTTAAATGCAACAATAAAGAAGGCCGCCTTGCTTTCGTAGACGCAGCCTGAA
ATCACTCGCAGCAGGCATCAGCGTCGTCAAGCCACGTGTCCACTCTCGCCACAA
ACCTCCGATCGATTTCAATTTCCCAGGAAACCGAAATGCCGATGACACTCGGCAT
CGCGATCTCACTACCCATTAACCTTCCGCCTCTTTTGTTTTTCTGTGTGCTTGATGT
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GTTCTACGGCGGGGGTGATGCTTCTGGCACAATGGGTGAGCACCGGACTCAGTTT
CATACATGCCCATGTGCTTGATTACTTGCTTGTTGAATTGTGCTGAAAGTTTTGT
TCTTTTGGATTTTGTAGCTCAGGCGGTGCTTGTGGGTATGGCAATCTGTACAGCCAA
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GAACACCAGCCTCTACATGGAGAATGTGTTGCTTATGATGTCTTATGTTGTCTTTC
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