

IDENTIFICATION

Species: *Kalanchoe laxiflora*

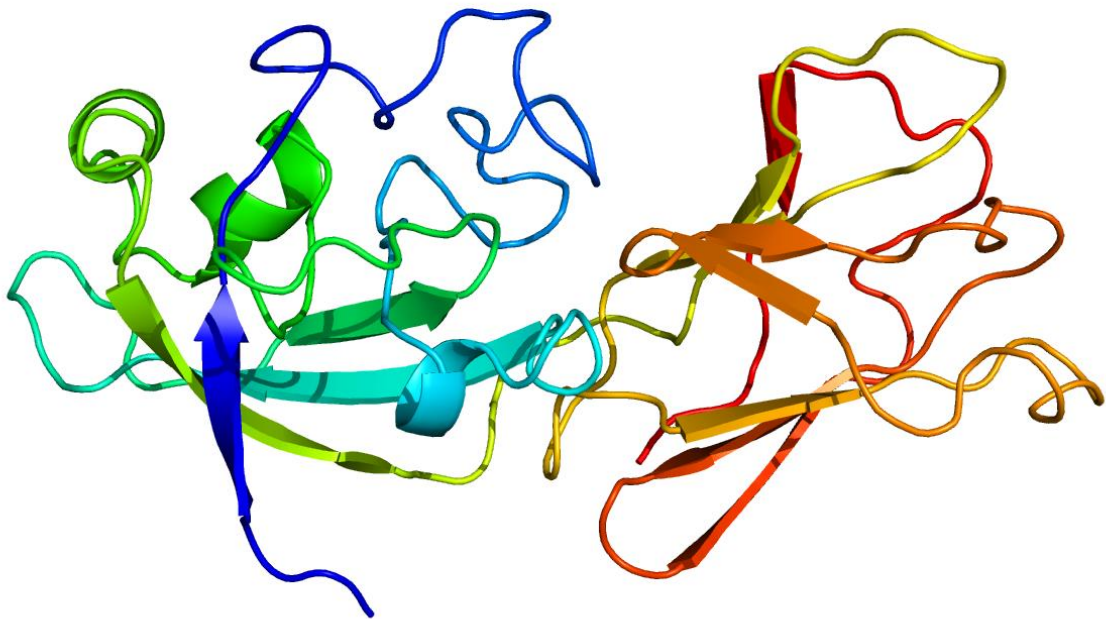
Locus: Kalax.0704s0015

Gene Model: Kalax.0704s0015.1.p

Description: KlEXPB-09

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

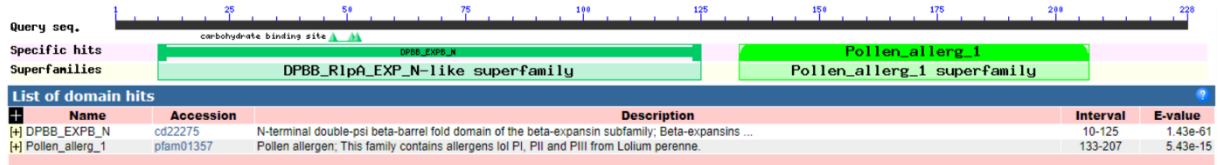
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>KIEXPB-09

TNDGFTKTSATWYGDPHGAGSTGGACGYGGDVARRPAYASLISAGGPGLFKNGRGC
GACYQVRCHSNPACSGAPVTVVITDSCPGCPANHFDLSGTAFGAMAKRGKADQLLN
AGRISIEYQSVPCHFSSIGFTVVDGAEYYFAAAVKFINGAGTLKSVELHEAGSSG
WFKMTQRDSAVWYLNKGPLKAPFSLKLTSTTGKVFVASNVIPTGWSPEQTYWSTGN
F*

CDS (coding sequence)

>KIEXPB-09

ACTAATGATGGTTTTACAAAACTTCCGCAACCTGGTATGGAGACCCCCATGGCG
CTGGAAGTACCGGCGGGGCTTGCGGATATGGAGGTGATGTTGCCAGACGTCCGG
CGTATGCGTCTCTCATATCTGCGGGAGGCCCTGGACTGTTCAAAAATGGCAGAGG
CTGTGGAGCTTGCTATCAGGTGAGGTGCCACTCAAACCCTGCATGTTCAAGCGCG
CCGGTGACCGTGGTGATCACCGACAGTTGCCCGGTTGTCCTGCAAACCACTTTG
ACCTAAGTGGCACCGCTTTCGGAGCAATGGCGAAACGTGGCAAGGCAGATCAAT
TGCTCAATGCTGGAAGAATTAGTATTGAGTACCAAAGTGTTCATGCCATTTCCG
AGGGTCTATAGGATTTACAGTGGTGGACGGTGCCGAGGAGTACTATTTTGC GGCT
GCCGTA AAAATTCATAAACGGAGCTGGCACACTGAAGAGTGTGGAGCTCCATGAA
GCTGGCGGGTCTCGGGATGGTTCAAGATGACTCAGCGAGACAGCGCAGTTTGGT
ATCTGAACAAGGGTCCGCTGAAAGCTCCCTTCTCCCTCAAATTA ACTTCAACCAC
TGGGAAGGTTTTTCGTTGCTTCGAATGTCATTCCAACCGGATGGAGTCCTGAACAG
ACGTATTGGTCCACTGGTAACTTTTAG

Nucleotide

>KIEXPB-09

ACTAATGATGGTTTTACAAAACTTCCGCAACCTGGTATGGAGACCCCCATGGCG
CTGGAAGTACCGGTAATTAACGTTATATAAAACACACATGTGAATCATGGA ACTA
AATAAAATTAGAGAATTA AAAATTTTTAAAATTAGTATTCGATTTGAAGAATAGCA
CCATAAAATATAATATCAAAATCATGTTGGTAACTTCATGTCGTTGGTCTTATTGC
TGGTAAAAGGCGGGGCTTGCGGATATGGAGGTGATGTTGCCAGACGTCCGGCGT

ATGCGTCTCTCATATCTGCGGGAGGCCCTGGACTGTTCAAAAATGGCAGAGGCTG
TGGAGCTTGCTATCAGGTTGAAGATAAACAATAGTGGAATTACTTGTTCCGTCTA
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TCAGGCGCGCCGGTGACCGTGGTGATCACCGACAGTTGCCCGGTTGTCCTGCAA
ACCACTTTGACCTAAGTGGCACCGCTTTCGGAGCAATGGCGAAACGTGGCAAGGC
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TGCCACACATGCGCAATCGAATTCTCCGAATTCTCCATCCGCTCCTCCGAATTCT
CGGAGTTCGAGTCCTTACTACCCACCGGCGAGCCAGATCCGCCGATAACCACGCC
GACACCACCATAATCACCTCTTTCGCCGGCACCCAGCCATGCCGGTGAAAATGTGCG
CCGCTGTCTTCATCCATGTAGAGGTCCTCCAATGTGAAATAGAGGTGCAATTCAT
CTCTCTCGTCCTCAATCCCAAATCGGTAGGGAATTCGATATTGTTGTTCAAGTAG
AGAAGATCCAGCGACGGGAATCGAATTTGATTTATTTTTAGTCTGAACAAAATAA
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GTGGTGGACGGTGCCGAGGAGTACTATTTTGC GGCTGCCGTAAAATTCATAAACG
GAGCTGGCACACTGAAGAGTGTGGAGCTCCATGAAGCTGGCGGGTCTCGGGAT
GGTCAAGATGACTCAGCGAGACAGCGCAGTTTGGTATCTGAACAAGGGTCCGCT
GAAAGCTCCCTTCTCCCTCAAATTA ACTTCAACCACTGGGAAGGTTTTCGTTGCTT
CGAATGTCATTCCAACCGGATGGAGTCTGAACAGACGTATTGGTCCACTGGTAA
CTTTTAG