

IDENTIFICATION

Species: *Arachis ipaensis*

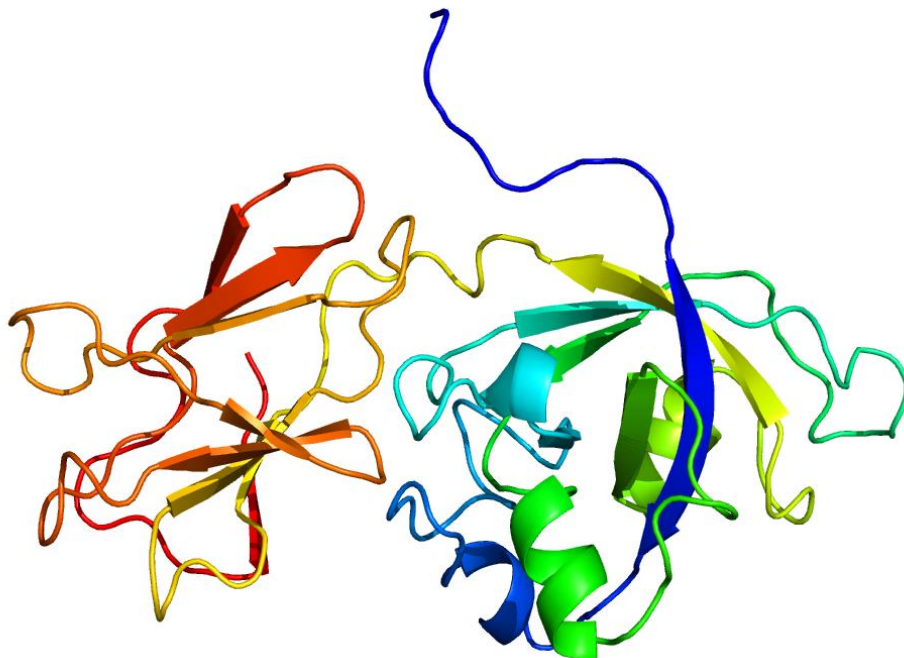
Locus: XP_016172297

Gene Model: XP_016172297.1

Description: AipEXPA-24

Family: Alpha Expansin

3D structure:



GENOME DATABASES

NCBI: https://www.ncbi.nlm.nih.gov/genome/35711?genome_assembly_id=315604

KEGG: <https://www.genome.jp/entry/T04301>

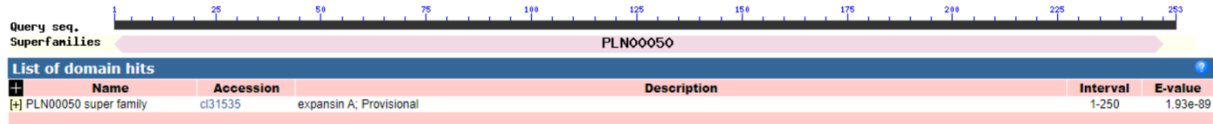
EXTERNAL RESOURCES

<https://peanutbase.org/organism/Arachis/ipaensis>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AipEXPA-24

MSKLIFCIALLVLVQAIISVDGILHHWYSDANATFYGDMEGRETMGGACGYGDLFEQ
GYGLMTTAVSPALFNNGYTCGSCFEMKCVNKPWNVYCKKGSSPIRVTVTNLCPPNY
GQGDGHWCNPPYKHFDLSMKMFTTMAEYRAGIVPVLVYRRVPCHKQGGVKFQLKGT
PYWLLVLFNVGHVGDVSSVSIKGQNGKWLTMASKNWGQNWLVIGVNLVVGQSLSKV
TTSDRKTLLVFHDVAPSHWQFGSTYEGKLN

CDS (coding sequence)

>AipEXPA-24

ATGTCTAAGCTCATCTTTTGCATTGCTCTGTTGGTATTGGTCCAAGCCATCATTTC
AGTTGATGGCATTCTCCATCATTGGTATTCTGATGCCAATGCAACCTTCTATGGTG
ACATGGAAGGTAGAGAAACCATGGGGGGTGCATGTGGCTATGGTGATCTCTTTGA
GCAAGGGTATGGTCTTATGACCACAGCTGTAAGCCCTGCCCTATTCAACAATGGT
TACACATGTGGATCATGTTTTGAGATGAAATGTGTGAACAAGCCCAATTGGAATT
ATTGCAAAAAGGGCTCAAGCCCAATAAGAGTAACCGTAACAACTTATGTCCAC
CAAATTATGGACAAGGTGATGGACATTGGTGCAACCCTCCATATAAACACTTTGA
TTTATCAATGAAGATGTTCACTACTATGGCAGAATATAGAGCAGGGATTGTACCT
GTTTTATATAGAAGAGTTCCATGCCATAACAAGGTGGTGTCAAGTTTCAGTTGA
AAGGGACACCTTATTGGTTGCTTGTGTTGGTGTTCATGTTGGTGCATGTTGGTGAT
GTTTCTAGTGTTAGCATCAAAGGGCAAATGGTAAATGGCTTACTATGTCAAAAA
ATTGGGGACAAAATTGGTTAATTGGAGTTAATTTGGTTGGACAAAGTTTGTCTTTT
AAGGTCACAAGTAGTGATCGGAAAACCTTGGTATTTTCATGATGTTGCTCCTTCTCA
TTGGCAATTTGGATCAACCTATGAGGGCAAGCTTAATTTTTAGGATTATGTTGATT
TAGAATCTTAAATGGTTTAGTAATGTTATATTTAGTTTCTAGTGACAATGTTTCAT
TTTTTGTATTTGAACTTGTACAATTTATGGAATAATTTTCTTTTCGCAAATAAAACA
ATAATAATGATTTATTTA

Nucleotide

>AipEXPA-24

AATTAATAAAAAAAAAATAATAACGCATGATATGCTATTTTTTTTATTAATCAAATGATT
ATAATTTAAATTAATTTTAAAAAATAACTTAAAATTATAATTTCAATTTTATCAT
ATGTATGGTACGAATTATTACACTTGAATAACAAATTATTTGATATATGATAAAT

