

IDENTIFICATION

Species: *Arachis ipaensis*

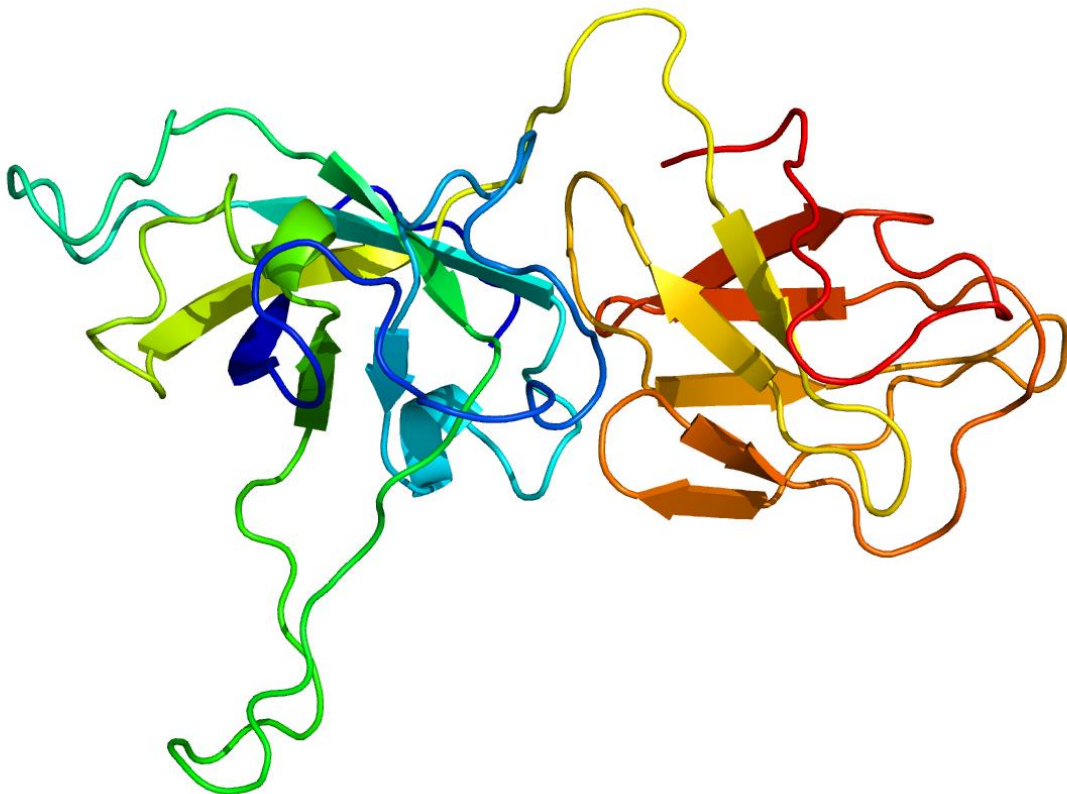
Locus: XP_016205664

Gene Model: XP_016205664.1

Description: AipEXPA-17

Family: Alpha Expansin

3D structure:



GENOME DATABASES

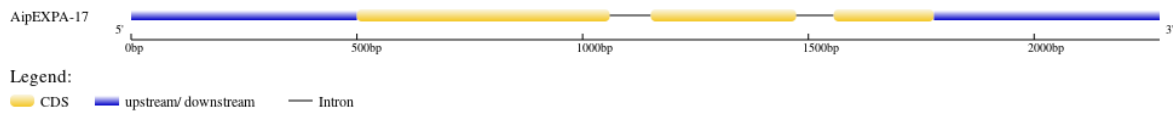
NCBI: https://www.ncbi.nlm.nih.gov/genome/35711?genome_assembly_id=315604

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

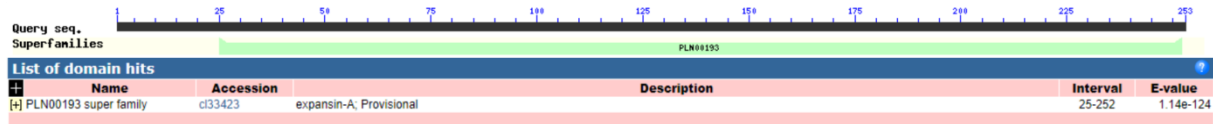
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AipEXPA-17

MRTFFFLLLCLVLFIAQHRVECALWQKAHATFYGGADASGTMGGACGYGNLYTDG
YGTKTAAALSTALFNDGKACGGCYQIVCDANQVPQWCLKGTFFITVTATNFCPPNYALP
NDNGGWCNPPRPHFDMSQPSFLTIKAKYKAGIVPILYRKVGCKRSGGIRFSIKGRDYFE
LVTISNVGGVGEIGQVWVKGSEKNVWEAMSRNWGVNGQSLSYLNQSLSFVKVQLT
NGRTLTAYNVAPSNWKFGQSFISNVQFN

CDS (coding sequence)

>AipEXPA-17

CATATGATTTTGCCATTTTATGCAGCAAATAATCAAGTACGTTACATTTCCCTTAG
CTTGATTAGACAAATTAACCGAGATATATATAGAGAGAATGAGAACATTCTTCT
TTTTATTATTGTGTTTGGTGTATTTCATTGCACAACATAGAGTTGAATGTGCACTG
TGGCAGAAAGCTCATGCAACTTTCTATGGTGGAGCCGATGCCTCAGGAACAATGG
GTGGTGCATGTGGCTATGGGAATCTATACACAGATGGTTACGGTACGAAGACGGC
GGCTCTGAGTACCGCTCTGTTTAACGATGGGAAGGCATGCGGCGGTTGCTATCAG
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CAGTACTGCCCAAACCTTTGTCTCCAAACTATGCACTCCCTAATGACAATGGC
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A

Nucleotide

>AipEXPA-17

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