

IDENTIFICATION

Species: *Arachis duranensis*

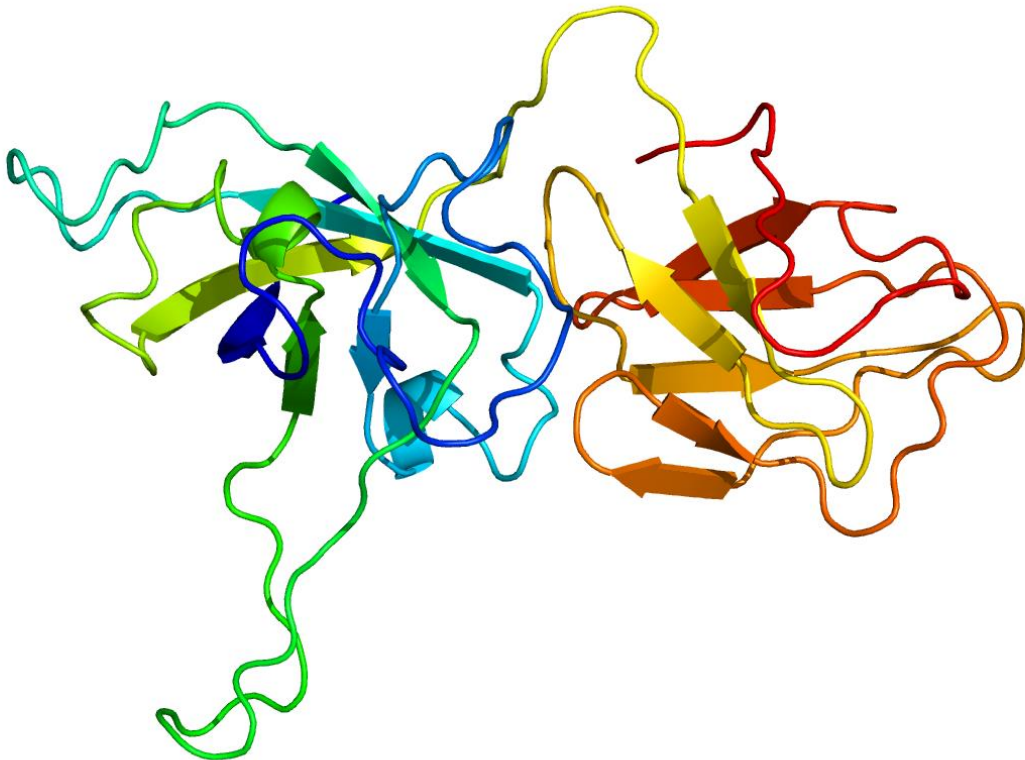
Locus: XP_015968757

Gene Model XP_015968757.1

Description: AdEXPA-17

Family: Alpha Expansin

3D structure:



GENOME DATABASES

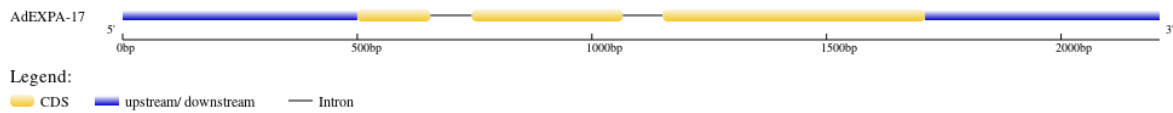
NCBI: <https://www.ncbi.nlm.nih.gov/genome/?term=Arachis+duranensis>

KEGG: <https://www.genome.jp/entry/T04300>

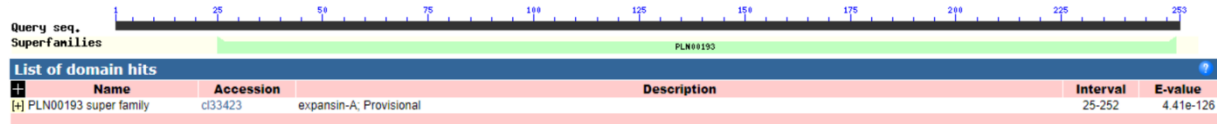
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AdEXPA-17

MKTFCFLLCLVLFIAQHRVKCAPWQKAHATFYDGADASGTMGGACGYGNLYTDG
YGTKTAALSTALFNDGKACGGCYQIVCDASQVPQWCLKGTFTVTATNFCPPNYALP
NDNGGWCNPPRPHFDMSQPSFLTIKYYKAGIVPILYRKVGCKRSGGIRFSIKGRDYFE
LVTISNVGGVGEIGQVWVKGSKKNVWEAMSRNWGVNWQSLSYLNGQSLSFKVQLT
NGRTLTAYNVAPSNWKFGQSFTSNVQFN

CDS (coding sequence)

>AdEXPA-17

TAAACGGATCGGAGATATATATAGAAAGAATGAAAACATTCTGCTTTTTATTATT
GTGTTTGGTGTATTTCATTGCACAACATAGAGTTAAATGTGCACCATGGCAGAAA
GCTCATGCAACTTTCTACGATGGAGCCGATGCCTCAGGAACAATGGGTGGTGCAT
GTGGCTATGGGAATCTGTACACAGACGGTTACGGTACGAAGACGGCGGCTCTGA
GCACCGCTCTGTTTAAACGACGGGAAGGCATGCGGCGGTTGCTATCAGATAGTTTG
CGATGCAAGCCAAGTGCCGCAATGGTGCCTTAAGGGCACTTTCATCACAGTTACT
GCCACAACTTTTGTCTCCAACTATGCACTCCCTAATGACAATGGCGGTTGGT
GTAATCCTCCAAGACCACACTTCGACATGTCTCAACCTTCTTTCTAACCATTGCC
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ATAAGCAATGTAGGTGGAGTTGGGGAGATAGGGCAAGTGTGGGTAAAAGGGTCA
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CAAATAGGCTCAACAATTCAAACATTGTGTGCAGTATTTGATGACTATAACAGCT
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CCTGTTTCAGCGATAAGTGTGTTTGTGATGTAATCATATAACCGTGGTAATTTATAAGT
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Nucleotide

>AdEXPA-17

GCATCTTGTTTATTTAATTTCTGTAATATATGTTGGATAAGCTATCATTCAAGTGG
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TCT