

IDENTIFICATION

Species: *Arachis duranensis*

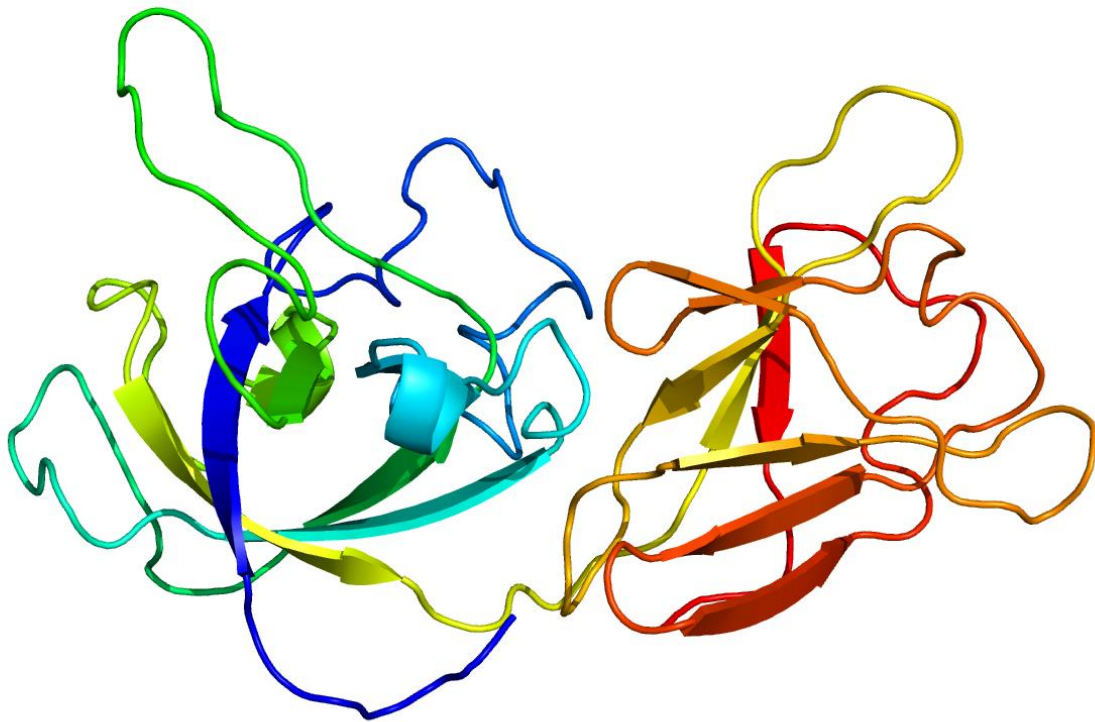
Locus: XP_020980193

Gene Model XP_020980193.1

Description: AdEXPA-18

Family: Alpha Expansin

3D structure:



GENOME DATABASES

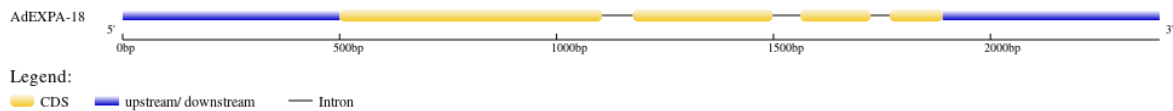
NCBI: <https://www.ncbi.nlm.nih.gov/genome/?term=Arachis+duranensis>

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

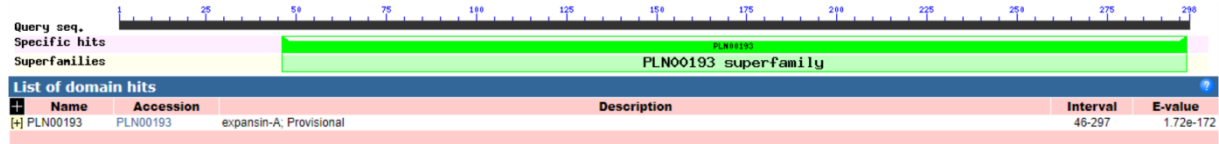
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AdEXPA-18

MFHEFSTTAGLTCARVILGEFGLFKDNSFVLGNGLRGGRRRITMAKFILVLATFIFTV
MNTAYAFSASGWTNAHATFYGGSDASGTMGGACGYGNLYAAGYGTRTAALSTALF
NDGASCGECYKIICDYKADSRWCIKGRSVTITATNFCPPNFALPNNNGGWCNPPLKH
FDMAQPAWEKIGIYRGGIVPVLFRVPCCKKHGGVRFSSINGRDYFELVLISNVGGAGSI
QSVSIKSGSKSGWMAMSRNWGANWQSNAYLNGQSLFRVTTTDDGETKLFNDIVPSN
WGFQTFSSPLQFS

CDS (coding sequence)

>AdEXPA-18

AAATTAGATTA AAAAATGTTCCATGAGTTCTCTACTACTGCAGGGCTCACATGTG
CAAGGGTAATCCTTGGTGAGTTTGGTCCCTTATTTAAGGACAATTCTTTTGTGCTT
GGAAATGGCCTAAGGGGTGGTCGGAGAAGGATAACAATGGCCAAATTTATTCTT
GTTTTGGCCACCTTCATTTTCACAGTGATGAATACTGCATATGCTTTCTCAGCTTC
CGGTTGGACCAATGCCCATGCCACCTTCTATGGCGGTAGTGATGCCTCAGGAACT
ATGGGAGGAGCATGTGGGTATGGGAATCTGTATGCAGCAGGGTATGGGACGAGA
ACTGCGGCTTTGAGCACAGCCTTGTTCAATGATGGAGCCTCATGCGGAGAATGCT
ACAAGATCATCTGCGATTACAAAGCAGACTCAAGATGGTGCATCAAAGGAAGAT
CAGTCACCATAACCGCCACAACTTTTGCCCTCCTAACTTTGCTCTTCCCAATAAC
AATGGAGGGTGGTGCAACCCACCTCTGAAGCACTTTGATATGGCACAACCAGCAT
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GCCATGCAAGAAGCATGGAGGGGTTAGATTCAGCATAAATGGGAGAGACTACTT
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ATAAAGGGATCAAAAAGTGGGTGGATGGCTATGTCAAGAACTGGGGTGCTAAC
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CAAATTTCTCTAGCCCTCTTCAGTTCTCATAAGAATCTTCACATTTATTTTACCA
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CTTCTTCTTAATTTGGTGGATTAGCCCTTAATCAAGAACATCAAGGCCGGTGGTAC
CATTGTTTCCAATAATGTAATTTCAACTTGCTTAAATTTATACCATAAATTGTTCT
AATATGAATTAATACTCTTTCTTTGTACCTCTGTTGGGGCATGTTGATTCCTACT
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Nucleotide

>AdEXPA-18

TGCAAATCGAACCGCCATAACTCATTGTACACATCTAAATCTAATGATGAAGCAT
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