

IDENTIFICATION

Species: *Arachis duranensis*

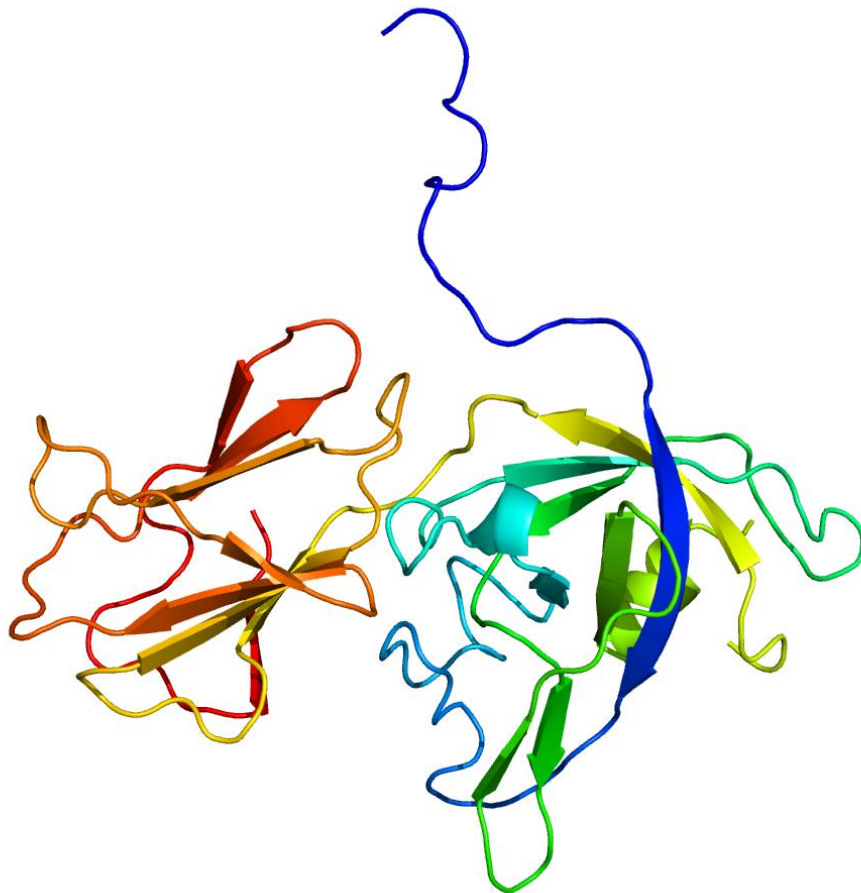
Locus: XP_015931782

Gene Model XP_015931782.1

Description: AdEXPA-20

Family: Alpha Expansin

3D structure:



GENOME DATABASES

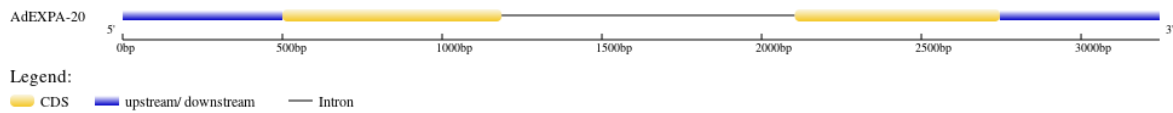
NCBI: <https://www.ncbi.nlm.nih.gov/genome/?term=Arachis+duranensis>

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

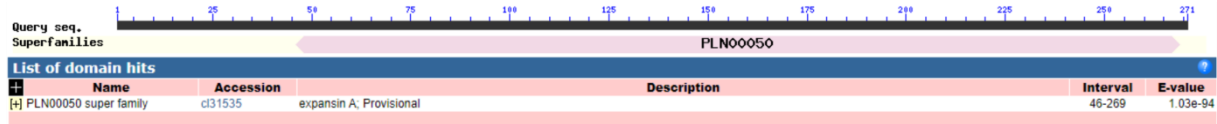
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AdEXPA-20

MLLTTLSTLTLTIATLFTLSPLATSHYSSSQPPSSPSSSTSLSEWRSAHATYYAAADPR
DAVGGACGYGDLVKAGYGMATVGLSEALFERGQICGACFEVKCVDDLKWCIPGTSI
IVTATNFCAPNYGFDNEGEGGHCNPPNKHVFLPIEAFEKIAIWKAGNMPVQYRRIQCR
EGGIRFTVTGSGIFLSVLISNVAGHGDIVAVKVKGSRTGWLPMGRNWGQNWHINALL
QNQPLSFEVTGSDGKTVTSYNVAPKDWSFGQTFEGKQFEP

CDS (coding sequence)

>AdEXPA-20

CCACTGACCACATTCGTCTGATGCAAATAAAGTAACCATTTGAAAAAGGGGGAA
AAAAAATCACCGTCTATCTCTTCACTCTTTGTTCCCTTCTTCAATCTTCTATTCTT
CTTCTCTTCTTCCACTTCACTCTGGAAACCACCCCAAACTAGAAAGTAGAAC
AACTAAACCAAACAATGTTACTCACCACTCTCCACACTCACACTAACCATTGC
TACTCTTTCACACTCTCTCCCCTTGCCACGTCACACTACTCTTCTTCCCAACAACC
ACCTTCCTCTCCCTCTTCTTCAACTTCCCTCTCCGAGTGGCGATCCGCGCACGCCA
CCTACTACGCCGCTGCCGACCCTCGCGACGCTGTCGGCGGCGCGTGGCGCTACGG
CGACCTCGTGAAAGCCGGCTACGGCATGGCAACCGTTGGTCTCAGCGAGGCACTC
TTTGAACGCGGCCAGATCTGCGGCGCGTGCTTCGAGGTGAAGTGTGTGGATGATC
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CCCAATTACGGGTTTGATAATGAAGGTGGTGGACACTGTAACCCTCAAATAAGC
ATTTTGTGCTTCCGATTGAGGCCTTTGAGAAGATCGCCATTTGGAAGGCTGGCAA
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Nucleotide

>AdEXPA-20

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