

IDENTIFICATION

Species: *Ricinus communis*

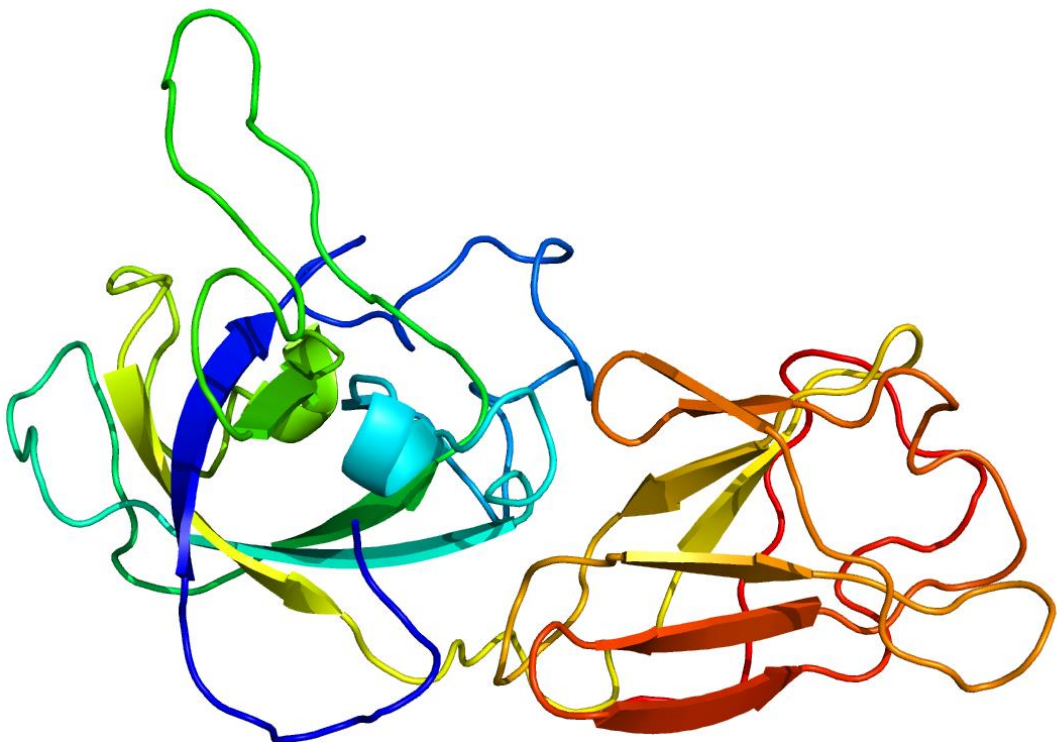
Locus: 30170.m014276

Gene Model: 30170.m014276

Description: RcEXPA-16

Family: Alpha Expansin

3D structure:



GENOME DATABASES

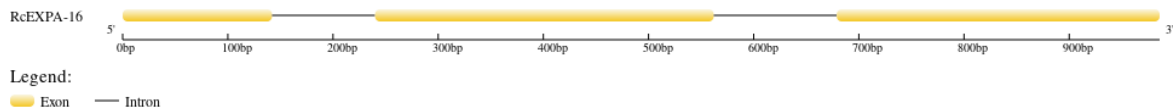
Phytozome: https://phytozome-next.jgi.doe.gov/info/Rcommunis_v0_1

KEGG: <https://www.genome.jp/entry/T01087>

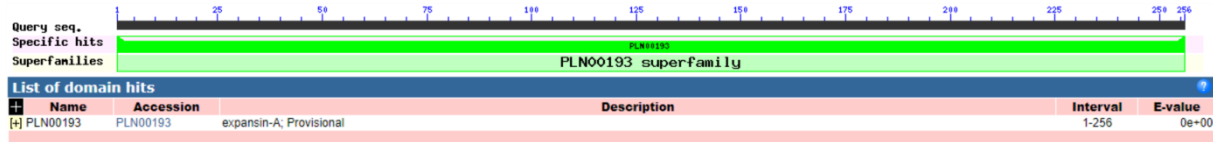
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>RcEXPA-16

MVKLTFALPILLQFLCFLAIHVNAFSPSGWTKAHATFYGGSDASGTMGGACGYGNLY
STGYGTRTAALSTALFNDGASCGQCYKIMCDYQTDPRWCIKGSSTITATNFCPPNFA
LPNNNGGWCNPLQHFDMAQPAWEKIGIYRGGIVPVMFQRPVCKKHGGVRFSSINGR
DYFELVLISNVAGAGSIQSVSIKGSKTGWMAMSRNWGANWQSN SYLNGQSLSFKITT
TDGATRFFPNVPSNWAFGQTFSSSVQF

CDS (coding sequence)

>RcEXPA-16

ATGGTAAAACACTGACCTTTGCATTGCCAATCTTGCTGCAATTTCTCTGCTTTTTAGC
AATCCATGTGAATGCTTTTTACCTTCTGGTTGGACCAAGGCTCATGCTACATTTT
ATGGAGGAAGCGATGCTTCAGGA ACTATGGGTGGAGCTTGTGGATATGGTAATTT
GTATTCAACTGGTTATGGTACTAGGACTGCGGCTTTAAGTACTGCTTTATTCAATG
ATGGAGCTTCATGTGGACAGTGCTATAAGATTATGTGTGATTATCAA ACTGATCC
AAGATGGTGTATTAAGGAAGCTCTATAACCATTACTGCAACAAATTTCTGTCCA
CCTAATTTTGCACCTCCCAACAACAATGGAGGCTGGTGCAATCCTCCACTTCAGC
ATTTTGACATGGCTCAGCCTGCTTGGGAAAAGATTGGCATTATAGAGGTGGGAT
CGTGCCTGTTATGTTCCAAAGGGTTCATGCAAGAAACATGGAGGAGTAAGATTC
AGTATCAATGGTAGAGACTATTTTGAAGTACTGTTGATAAGCAATGTGGCAGGGG
CAGGATCCATCCAATCTGTATCAATCAAAGGCTCAAAAACCGGGTGGATGGCAAT
GTCAAGAAATTGGGGAGCTAACTGGCAATCAAATTCCTACCTCAACGGTCAATCT
TTGTCCTTCAAGATCACA ACTACAGATGGAGCGACCAGATTCTTTCCAAATGTTG
TTCCATCGAATTGGGCATTCGGGCAGACATTTTCTAGCTCAGTACAATTCTAA

Nucleotide

>RcEXPA-16

ATGGTAAAACACTGACCTTTGCATTGCCAATCTTGCTGCAATTTCTCTGCTTTTTAGC
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CCCAACAACAATGGAGGCTGGTGCAATCCTCCACTTCAGCATTGACATGGCTC
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CCAAAGGTATCCTAATTGTACTGTACTAGTACTAATCTTTCAAATCTTTTGATACT
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AATATTTCAAGGGTTCATGCAAGAAACATGGAGGAGTAAGATTCAGTATCAATGG
TAGAGACTATTTGAACTAGTCTTGATAAGCAATGTGGCAGGGGCAGGATCCATC
CAATCTGTATCAATCAAAGGCTCAAAAACCGGGTGGATGGCAATGTCAAGAAAT
TGGGGAGCTAACTGGCAATCAAATTCCTACCTCAACGGTCAATCTTTGTCCTTCA
AGATCACAACTACAGATGGAGCGACCAGATTCTTTCAAATGTTGTTCCATCGAA
TTGGGCATTCGGGCAGACATTTTCTAGCTCAGTACAATTCTAA