

IDENTIFICATION

Species: *Ricinus communis*

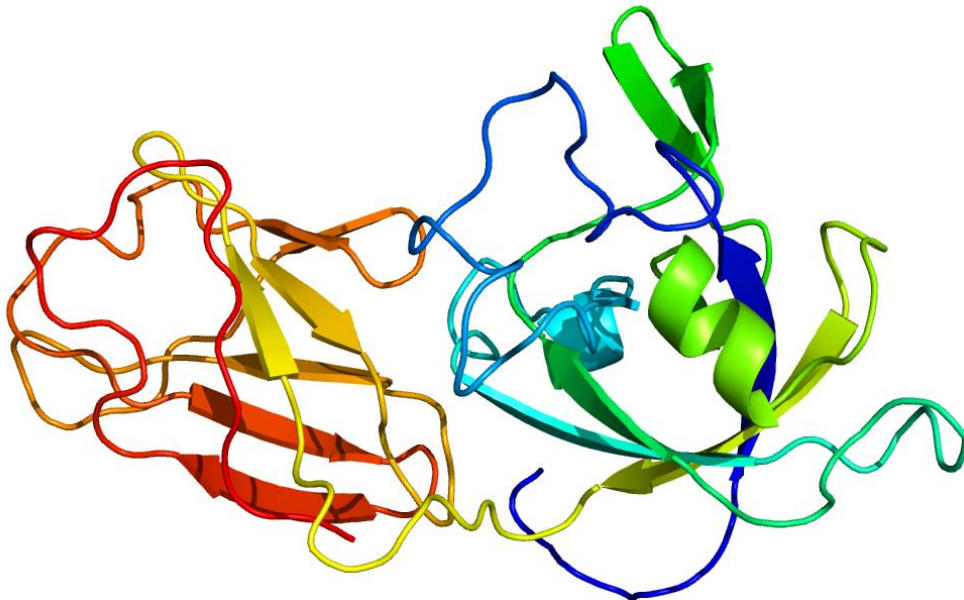
Locus: 29729.m002361

Gene Model: 29729.m002361

Description: RcEXPA-06

Family: Alpha Expansin

3D structure:



GENOME DATABASES

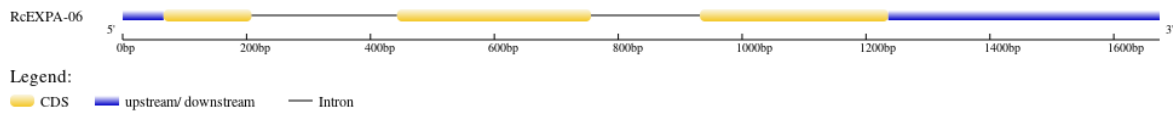
Phytozome: https://phytozome-next.jgi.doe.gov/info/Rcommunis_v0_1

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

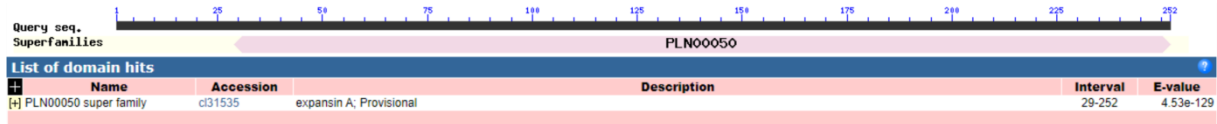
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>RcEXPA-06

MAAATFPAISLLFFLLNLCLRGTYGDYGGWQSAHATFYGGGDASGTMGGACGYGN
LYSQYGTNTAALSTALFNGLSCGSCYEMRCDNDPKWCLPGTITVTATNFCPPNFA
QSNNDGGWCNPPLQHFDLAEP AFLQIAQYRAGIVPVSFRRIPCAKKG GIRFTINGHSY
FNLVLITNVAGAGDVHSVSIKGSKTGWQTMSRNWQONWQSN SYMNGQSLSFQVTT
SDGRTVTSYNVAPANWQFGQTFEGGQF

CDS (coding sequence)

>RcEXPA-06

ATGGCTGCAGCTACATTCCCTGCTATTTCTCTTCTATTCTTTCTGCTGAATCTTTGC
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ATGGTGGGGGTGATGCTTCCGGCACAATGGGAGGTGCTTGTGGGTATGGAAATTT
GTATAGCCAAGGGTATGGTACTAACACTGCAGCACTTAGTACTGCCCTATTCAAC
AGTGGCTTGAGCTGTGGTTCTTGCTATGAAATGAGATGTGATAATGACCCTAAT
GGTGTCTCCCCGGCACAATCACCGTTACTGCTACCAACTTCTGCCCTCCTAACTTT
GCCAGTCTAATGACAATGGTGGCTGGTGCAATCCTCCTCTCCAACACTTTGACTT
GGCTGAGCCTGCTTTCTTGCAAATTGCTCAATACAGAGCTGGAATTGTACCCGTTT
CGTTCAGAAGGATCCCCTGTGCAAAGAAAGGAGGAATAAGGTTTACAATTAATG
GACACTCTTACTTCAACTTGGTATTGATCACAATGTAGCTGGAGCAGGAGATGT
ACATTCAGTGTCAATCAAGGGATCAAAGACAGGATGGCAGACAATGTCAAGGAA
TTGGGGACAGA ACTGGCAAAGCAATTCATACATGAATGGACAAAGCTTGTCTTTC
CAAGTTACAACAAGTGATGGTAGGACTGTGACAAGCTACAATGTTGCCCCGGCTA
ACTGGCAATTCGGACAAACATTTGAGGGTGGCCAATTTTAG

Nucleotide

>RcEXPA-06

GAACCCAATTATCTCTCTTCTTTTTTCTTTTTCTCTATCCCTCAACGTAAGGACAT
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