

## IDENTIFICATION

**Species:** *Ricinus communis*

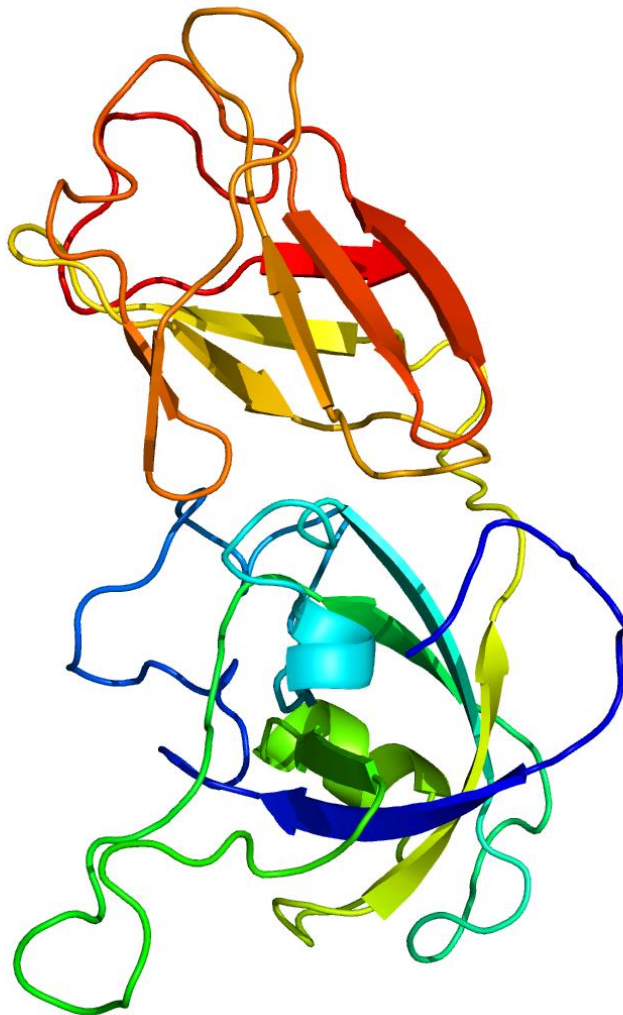
**Locus:** 29813.m001510

**Gene Model:** 29813.m001510

**Description:** RcEXPA-08

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

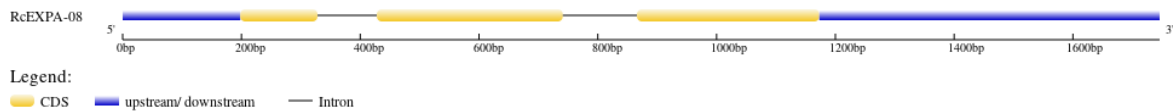
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Rcommunis\\_v0\\_1](https://phytozome-next.jgi.doe.gov/info/Rcommunis_v0_1)

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

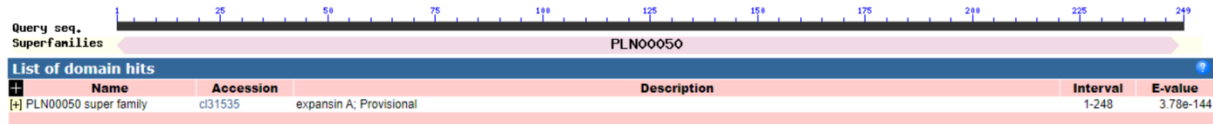
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>RcEXPA-08

MAPLVFFLVGFLAMVSSVNCYGGGGWINAHATFYGGGDASGTMGGACGYGNLYSQ  
GYGTNTAALSTALFNGLSCGSCYEIRCVNDPKWCLPGSIVVTATNFCPPNNALPNNAG  
GGWCNPPQQHFDLSQPVFQHIAQYRAGIVPVA YRRVPCRRRGGIRFTINGHSYFNLVL  
ITNVGGAGDVHAVA IKGSRGTGWQAMSRNWGQNWQSN TYLNGQSLSFKVTTS DGRS  
VVSYNVAPVSW SFGQTFSGAQFR

### CDS (coding sequence)

>RcEXPA-08

ATGGCTCCTCTTGTGTTTTCTTGGTGGGTTTTCTTGCAATGGTGTTCATCTGTCAAT  
TGTTATGGTGGTGGTGGTTGGATAAATGCTCATGCAACTTTCTACGGAGGTGGCG  
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GTATGGAACAAACTGCAGCTTTGAGCACAGCTCTGTTCAACAGTGGGCTGAGT  
TGTGGATCTTGCTATGAGATTAGGTGTGTTAATGACCCAAAATGGTGTCTGCCTG  
GCTCCATTGTGGTCACAGCCACCAATTTCTGCCCCCAAATAATGCCTTACCTAAC  
AATGCAGGGGGCTGGTGTAAACCCTCCTCAGCAACACTTTGACCTCTCTCAACCTG  
TTTTCCAGCACATTGCTCAATACAGAGCTGGAATTGTTCTGTTGCCTACAGAAG  
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CTTCAACCTAGTCTTAATCACCAACGTAGGTGGTGTGCTGGTGTATGTACATGCAGTA  
GCAATCAAAGGGTCAAGAAGTGGTGGCAAGCAATGTCAAGGAAGTGGGGCCAA  
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CTAGCGATGGGCGTAGTGTGGTCTCCTATAACGTTGCTCCTGTTAGTTGGTCTTCC  
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### Nucleotide

>RcEXPA-08

CATTTTCTCTATCTACAGCTCTGTTTCTCTCCAAGTTCCAATCGTCAAGTAATCATC  
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