

## IDENTIFICATION

**Species:** *Ricinus communis*

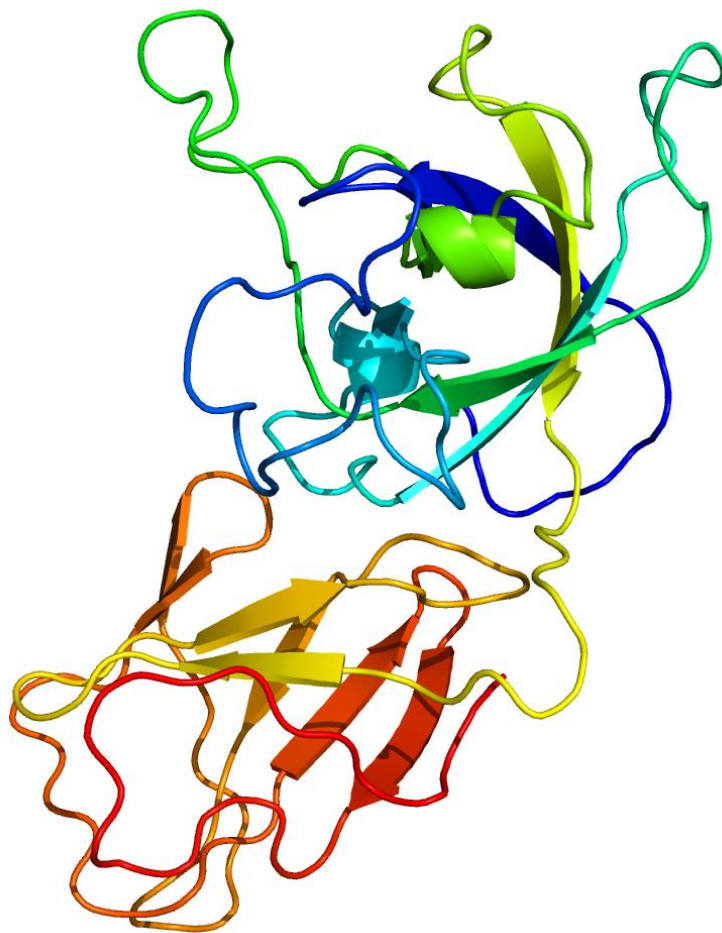
**Locus:** 28842.m000919

**Gene Model:** 28842.m000919

**Description:** RcEXPA-04

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

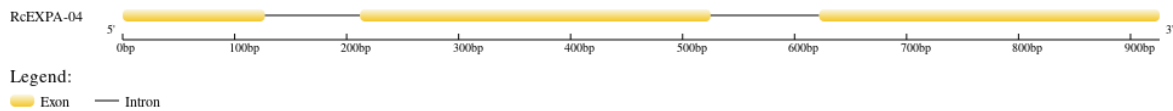
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Rcommunis\\_v0\\_1](https://phytozome-next.jgi.doe.gov/info/Rcommunis_v0_1)

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

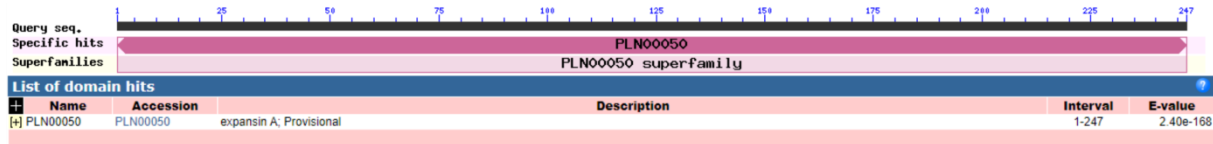
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>RcEXPA-04

MELLIYTIVALLSILRTVEGYGSGWTNAHATFYGGDASGTMGGACGYGNLYSQGY  
GTNTAALSTALFNSGLSCGACFEIKCVNDNKWCLPGSIIITATNFCPPNLALPNNNGG  
WCNPPQQHFDSLQPVFQRIAQYRAGIVPVQYRRVPCRKTGGIRFTINGHSYFNLVLIT  
NVGGAGDIVAVSIKGSNTNWQAMSRNWQNWQSSYLNQSLSFKVTTSDGRTVIS  
NNAAPSNWAFGQTYTGMQF

### CDS (coding sequence)

>RcEXPA-04

ATGGAACTGCTTATATACACCATTGTAGCCCTTCTCAGTATTTTGAGAACAGTTGA  
GGGGTATGGAAGTGGGTGGACTAATGCTCATGCCACTTTCTATGGAGGGGGTGAT  
GCATCTGGGACGATGGGTGGGGCTTGTGGATATGGAAATCTATACAGTCAGGGTT  
ATGGAACAAACACAGCAGCATTGAGTACAGCTCTTTTCAACAGTGGACTGAGCTG  
TGGAGCATGCTTTGAGATTAATGTGTAAATGACAATAAATGGTGCTTACCAGGT  
TCTATTATAATCACTGCAACTAATTTTTGCCACCAAACCTTAGCCCTGCCCAATAA  
TAATGGAGGGTGGTGCAACCCTCCCCAGCAACACTTTGATCTTTCTCAGCCTGTTT  
TCCAACGCATCGCTCAATATAGAGCTGGTATTGTCCCTGTTCAATACAGAAGAGT  
TCCTTGCAGGAAGACAGGTGGAATTAGATTCATCAATGGGCATTCCTACTTT  
AATCTAGTGCTAATAACAAATGTTGGCGGAGCTGGTGATATTGTTGCTGTTTCCAT  
AAAGGGCTCTAATACCAACTGGCAGGCCATGTCCAGGAACTGGGGACAGAAGT  
GCAGAGCAGCTCCTACCTGAATGGACAATCCCTCTCTTTCAAAGTCACAACAAGT  
GATGGACGAACTGTCATCTCCAACAATGCGGCTCCCTCTAACTGGGCTTTTGGCC  
AAACCTACACTGGAATGCAATTCTAG

### Nucleotide

>RcEXPA-04

ATGGAACTGCTTATATACACCATTGTAGCCCTTCTCAGTATTTTGAGAACAGTTGA  
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GGTAAAATAATCAAATGTTTAAATTTCTTGCCTTCAATTTGCAGGTGGGGCTTGTG  
GATATGGAAATCTATACAGTCAGGGTTATGGAAACAAACACAGCAGCATTGAGTA  
CAGCTCTTTTCAACAGTGGACTGAGCTGTGGAGCATGCTTTGAGATTAATGTGT  
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GCCCACCAAACCTTAGCCCTGCCCAATAATAATGGAGGGTGGTGCAACCCTCCCCA  
GCAACACTTTGATCTTTCTCAGCCTGTTTTCCAACGCATCGCTCAATATAGAGCTG  
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GCATTCCTACTTTAATCTAGTGCTAATAACAAATGTTGGCGGAGCTGGTGATATT  
GTTGCTGTTTCCATAAAGGGCTCTAATACCAACTGGCAGGCCATGTCCAGGAACT  
GGGGACAGAACTGGCAGAGCAGCTCCTACCTGAATGGACAATCCCTCTCTTTCAA  
AGTCACAACAAGTGATGGACGAACTGTCATCTCCAACAATGCGGCTCCCTCTAAC  
TGGGCTTTTGGCCAAACCTACACTGGAATGCAATTCTAG