

IDENTIFICATION

Species: *Ricinus communis*

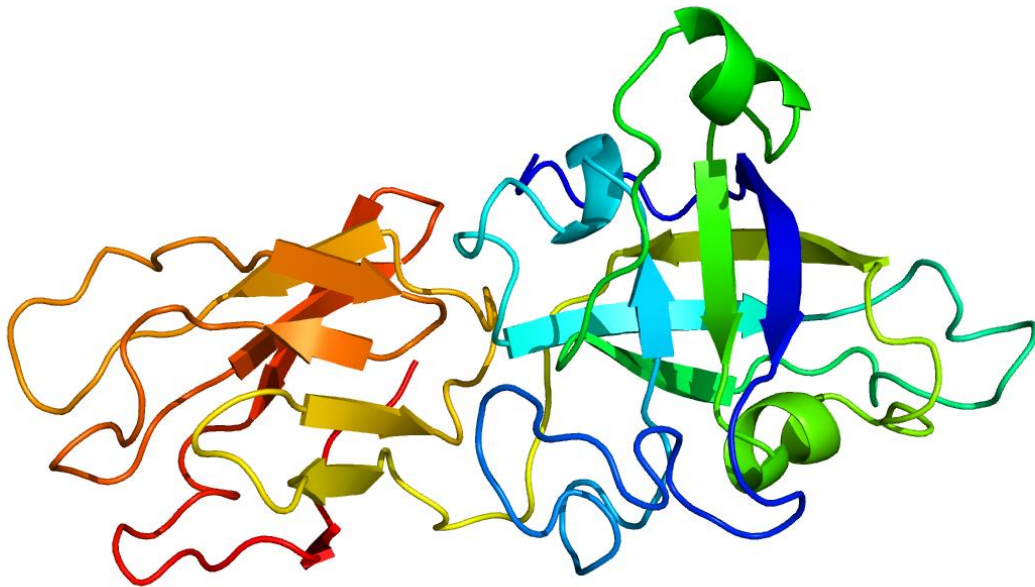
Locus: 29897.m000363

Gene Model: 29897.m000363

Description: RcEXPA-09

Family: Alpha Expansin

3D structure:



GENOME DATABASES

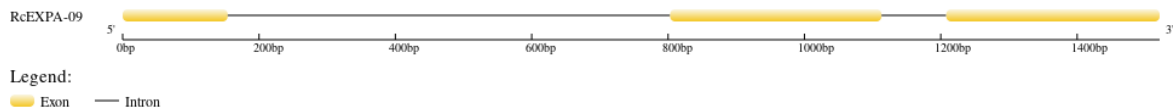
Phytozome: https://phytozome-next.jgi.doe.gov/info/Rcommunis_v0_1

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

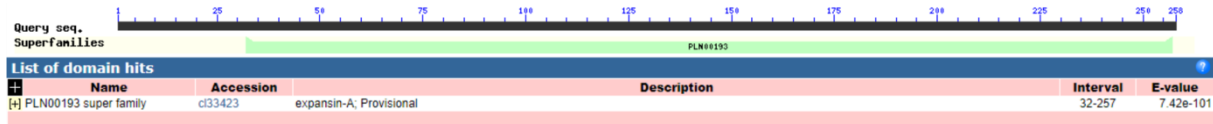
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>RcEXPA-09

MGPIVVNLPSVLCLYFMYVLGTFPEGIAGQGNGWTNAHATFYGANQNPSTLGGACG
YDNTFHAGFGVHTTALSGALFRNGEACGACYQVMCDYKADPKWCLRCGVVTITAT
NFCPPNNGGWCDPPRHFDMSMPAFLRIARQGNIGIVPVLVYRRVACKRRGGVHFT
LRGQSNFNLVMVTNVGGSGDIRAAWVRGSRTRTWVAMHRNWGANWQSNVDLRSQ
TLSEKLTLDVGKTLQFFNVVPSWFRFGQTFSSRNQFS

CDS (coding sequence)

>RcEXPA-09

ATGGGGCCTATCGTCGTCAATCTTCCTAGTGTTTTGTGTTTGTATTTTATGTACGTT
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ATGCTACTTTCTATGGTGCCAATCAGAACCCAGCACTCTTGGAGGAGCTTGTGG
ATATGACAATACATTTTCATGCTGGGTTTGGAGTGCACACAACAGCTCTGAGTGGC
GCACTGTTTAGAAACGGAGAAGCTTGTGGGGCTTGCTACCAAGTAATGTGCGACT
ACAAGGCTGACCCTAAGTGGTGTCTCCGGTGTGGCGTTGTGACTATAACCGCCAC
CAATTTCTGCCCTCCGAACAACAATGGAGGGTGGTGTGACCCTCCCCGCCATCAC
TTTGACATGTCCATGCCTGCTTTTCTTCGCATTGCAAGACAAGGCAATGAAGGCA
TAGTTCCTGTACTATACAGAAGGGTGGCATGCAAAGAAGAGGAGGGGTCCATT
TCACCTTAAGAGGACAATCAAATTTCAATTTAGTAATGGTTACAAACGTTGGAGG
GAGTGGCGATATCAGGGCTGCATGGGTTAGAGGGTCAAGAACAAGAACATGGGT
AGCCATGCACAGGAAGTGGGGTGCAAATTGGCAAAGCAATGTTCGACCTACGAAG
CCAGACGTTGTCGTTAAGCTCACTTTGGTTGATGGAAAAACACTCCAATTCTTCA
ATGTTGTCCCTTCAACTGGAGGTTTGGACAGACATTTTCTTCTCGAAATCAGTTC
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Nucleotide

>RcEXPA-09

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