

IDENTIFICATION

Species: *Ricinus communis*

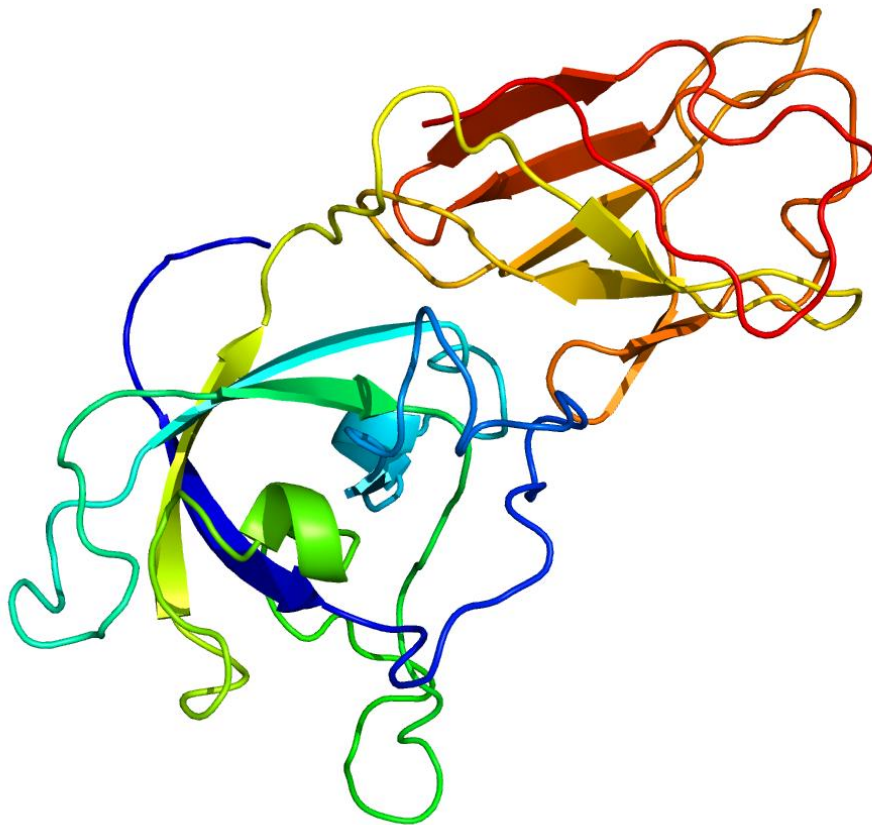
Locus: 30078.m002246

Gene Model: 30078.m002246

Description: RcEXPA-13

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>

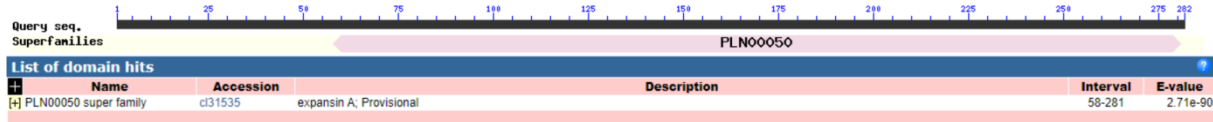
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>RcEXPA-13

MALPLRALSATLLSLLLAIALADYCHAHSVHHAIGRHHGHHFKSPTLKHHRPKFKPGP
WIKAHATFYDGSSTSFGGACDYKDVVASGYGLNTVAVSDVLFKNGQACGACYELR
CVDNPQWCKLGGPSLIVTATDRCPPNPSQPSDNGGWCNPPREHFDAIKPVFNQLADY
VAGVIPVKYRRVPCQKHGGIRFTILGNPWFYQVIVWNVGGAGDVTSVEVKGNKKVK
WTQMQRDWGATWKTNAILQGESLFRVRASDGRSSTSWHVAPKNWQFGQTFEGKN
FK

CDS (coding sequence)

>RcEXPA-13

ATGGCTTTGCCTTTGAGAGCCTTATCTGCTACGTTGTTGTCATTGCTTTTAGCCATT
GCATTGGCTGATTATTGCCATGCACACTCTGTTCACCATGCAATTGGACGACATG
GCCACCATTTTAAGTCTCCAACCTCTCAAACATCACCGTCCTAAGTTCAAGCCAGG
GCCATGGATCAAAGCTCATGCTACCTTCTACGATGGTAGCTCCACCAGTTTTGGA
GGAGCATGTGACTACAAAGACGTTGTAGCTTCAGGGTACGGCTTGAACACAGTG
GCAGTAAGCGATGTTCTATTCAAAAATGGACAAGCCTGCGGTGCTTGTTATGAAC
TGAGATGTGTAGATAACCCTCAATGGTGCAAGCTAGGGCAGCCATCTCTCATCGT
TACGGCAACAGACCGTTGCCCGCCCAATCCATCTCAACCAAGTGATAATGGTGGT
TGGTGCAATCCACCTCGTGAACATTTGACATAGCCAAGCCTGTCTTCAACCAAC
TTGCTGACTATGTGGCTGGCGTTATTCCTGTCAAATACCGCAGGGTTCATGCCAG
AAGCATGGAGGAATCAGGTTACAATACTGGGGAATCCTTGGTTCTACCAGGTTA
TAGTGTGGAATGTTGGTGGAGCTGGAGATGTCAGTAGCGTGGAAGTGAAGGGCA
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CCAATGCTATTTTGCAGGGTGAGTCGCTGACCTTCAGGGTTAGAGCAAGTGATGG
CAGATCCTCAACTTCTTGGCATGTTGCCCTAAGAAGTGGCAATTTGGTCAGACCT
TTGAGGGTAAGAAGTCAAGTAG

Nucleotide

>RcEXPA-13

GAAAAAATAAAGAATAAGAAGAACAAGAAGTCCCAAGTTGTTGTGCCGAAGCA
GAAATGGCTTTGCCTTTGAGAGCCTTATCTGCTACGTTGTTGTCATTGCTTTTAGC
CATTGCATTGGCTGATTATTGCCATGCACACTCTGTTCACCATGCAATTGGACGAC
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CAAATACATAACCTAGGCAAGAAAAGGCTACACCTTTTTTCTGTACAGATCCACT
AGTGTACCAGGACTAGGGCTAGCCCTGATATGTCTTCTTCTACTTTTCGATATTCAG
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