

IDENTIFICATION

Species: *Ricinus communis*

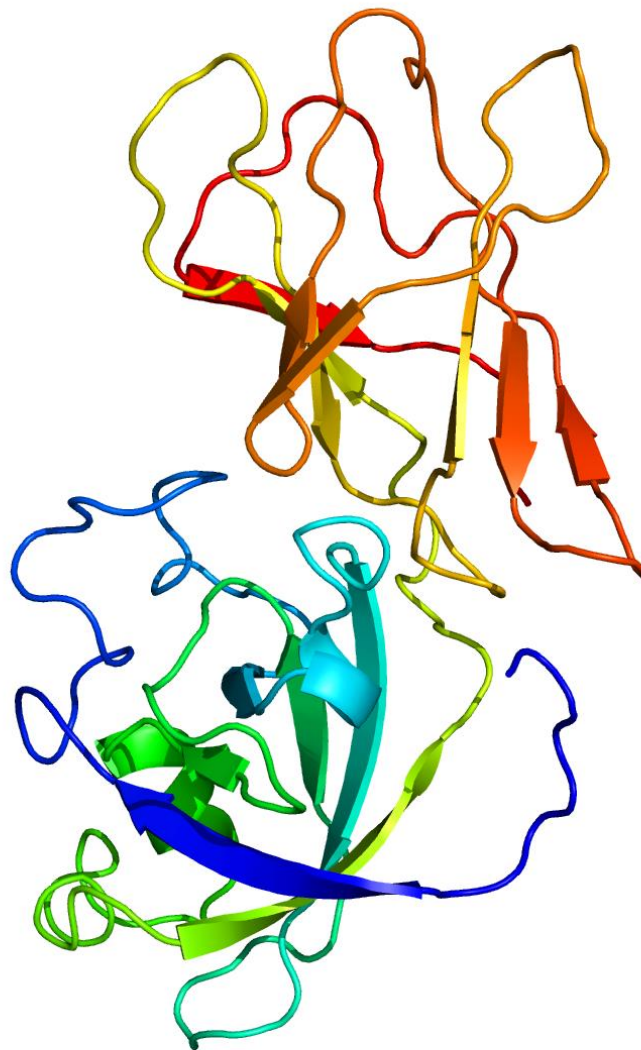
Locus: 29628.m000766

Gene Model: 29628.m000766

Description: RcEXLB-03

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

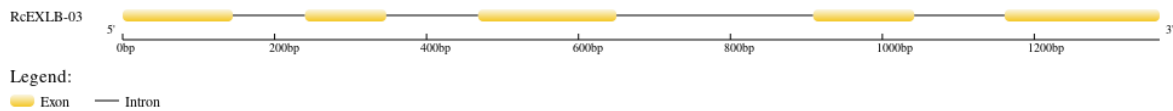
Phytozome: https://phytozome-next.jgi.doe.gov/info/Rcommunis_v0_1

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

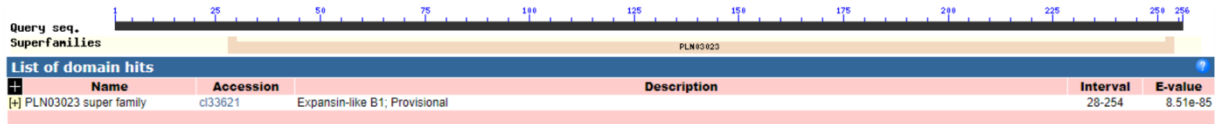
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>RcEXLB-03

MAPSLRPLLLLFLQTLAEAATCSDCFTHSQAAYYPNSDEQGTDRGACGFGSF
GATINGGDVSAASNLYRDGVGCGSCYQVRCINSNYCTDKGVVITITDQGSSGNADFIL
SRRAFGRMAQTDDAAASLLSLGVVDVEYRRVSCSYPNKNITIKIDENSYPYYLAFVI
WFQQGKQDITAVQLCETQNFVCKLLDRSYGAVWTTTSPPSGPLSLRMLFSGEDGDET
WVVPVNNIPQDWKAGETYDTGVQVNV

CDS (coding sequence)

>RcEXLB-03

ATGGCTCCCTCCCTTCGGCCTCTCTTGCTTCTTTTTGCAACTTTGCTCTTTCTGCAG
ACTCTAGCAGAGGCTGCAACATGTAGTGACTGTTTCACTCATTCTCAAGCGGCCT
ACTATCCAAATTCTGATGAACAAGGAACAGACAGAGGTGCTTGTGGATTTGGTTC
ATTTGGAGCAACAATAAATGGTGGAGATGTATCAGCTGCATCGAACCTCTACCGT
GATGGTGTAGGATGTGGCTCCTGCTATCAGGTGAGGTGCATCAACAGTAATTATT
GCACCGACAAAGGAGTAGTTATTACAATTACTGACCAAGGCTCTAGTGGTAACGC
TGACTTTATTCTCAGCAGACGAGCCTTTGGTCGGATGGCTCAAACAACAGATGCA
GCTGCATCACTCTTATCACTTGGAGTAGTTGATGTTGAATATAGACGTGTTTCATG
CAGCTATCCTAACAAGAATATAACAATAAAAATTGATGAGAATAGCAACTATCCT
TATTACTTGGCTTTCGTCATCTGGTTTCAACAAGGGAAGCAGGATATTACTGCTGT
GCAGTTATGCGAGACTCAAATTTTGTCTGCAAGCTTTTGGACCGGAGTTATGGA
GCAGTGTGGACAACACTACATCTCCCCAAGCGGACCATTGTCACTGAGGATGCTAT
TCAGTGGTGAGGATGGAGATGAGACATGGGTTGTTCTGTCAACAACATACCCCA
AGATTGGAAAGCTGGAGAAACATATGATACAGGGGTACAAGTGAATGTATAG

Nucleotide

>RcEXLB-03

ATGGCTCCCTCCCTTCGGCCTCTCTTGCTTCTTTTTGCAACTTTGCTCTTTCTGCAG
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AAATGGTGGAGATGTATCAGCTGCATCGAACCTCTACCGTGATGGTGTAGGATGT
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ATATTTTTTTTTCTGCTTATCACCAGGTGAGGTGCATCAACAGTAATTATTGCACC
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GTATAATTCTGTATTCTGCGAGTAAGGTTTATCAAGTAATTCCATGCACTAATTCA
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ACAATAAAAATTGATGAGAATAGCAACTATCCTTATTACTTGGCTTTCGTCATCT
GGTTTCAACAAGGGAAGCAGGATATTACTGCTGTGCAGTTATGCGAGGTATTATT
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AATGATAATAATAACATAAAGTGTTGTTAACATATATAACTAATTGTTATATGCA
GACTCAAATTTTGTCTGCAAGCTTTTGGACCGGAGTTATGGAGCAGTGTGGACA
ACTACATCTCCCCAAGCGGACCATTGTCACTGAGGATGCTATTCAGTGGTGAGG
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TGGAGAAACATATGATACAGGGGTACAAGTGAATGTATAG