

IDENTIFICATION

Species: *Capsella rubella*

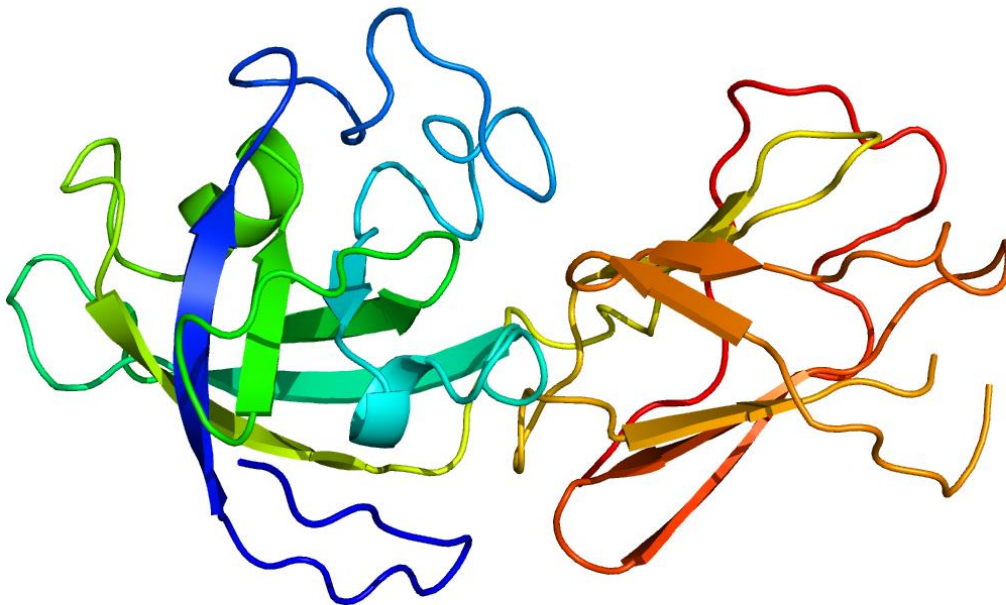
Locus: Carub.0003s0237

Gene Model: Carub.0003s0237.1.p

Description: CrEXPA-07

Family: Alpha Expansin

3D structure:



GENOME DATABASES

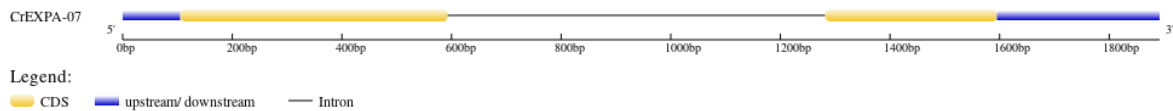
Phytozome: https://phytozome-next.jgi.doe.gov/info/Crubella_v1_1

KEGG: <https://www.genome.jp/entry/gn:T02984>

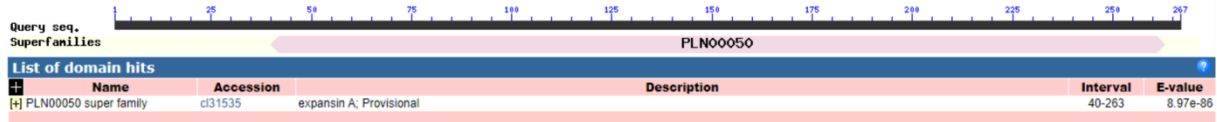
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CrEXPA-07

MQRLLLPLLFLTLLQPAISHYSSSTSSPSSSSVSSDASEWRPARATYYAATNPRDAVGG
ACGYGDLVKSGYGMATVGVSETLFRGQICGACYELRCVDDLRCIPGTSIILTATN
FCAPNYGFDPEAGGHCNPPNKHVFLPIEAFEKIAIWKAGNMPVQYRRINCRREGSMR
FTVDGGGIFISVLITNVAGSGDIAAVKIKGSRTGWLPMGRNWGQNWGINADLKNQAL
SFEVTSSDRSTVTSYNVSPKNWNYGQTFEGKQFETP*

CDS (coding sequence)

>CrEXPA-07

ATGCAACGGTTGCTTCTACCTTTACTCTTCCTTACACTGTTACAGCCGGCGATTTC
TCATTACTCTTCGTCAACCTCTTCACCTTCTTCTTCCTCCGTATCTTCCGACGCCTC
AGAATGGCGGCCAGCTCGAGCCACCTACTACGCGGCGACGAATCCTCGGGACGC
GGTGGGCGGTGCGTGTGGGTACGGAGATCTCGTCAAATCTGGATACGGAATGGCT
ACGGTTGGTGTGAGCGAGACTCTGTTTGAGCGTGGTCAGATCTGTGGTGCTTGTT
ACGAGCTCAGATGTGTTGATGATCTCCGTTGGTGTATCCCTGGAACCTTCTATCATT
CTCACCGCTACTAATTTTTGTGCTCCTAATTACGGATTTGATCCAGAAGCTGGTGG
TCACTGTAATCCACCCAACAAACATTTTCGTGCTTCCCATCGAAGCGTTTGAGAAG
ATCGCTATTTGGAAAGCTGGCAACATGCCGGTGCAGTATCGGAGGATCAACTGCA
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TCTTATCACCAATGTTGCGGGATCCGGTGATATAGCTGCTGTGAAGATCAAAGGG
TCGAGAACCGGGTGGTTACCTATGGGTCCGGAATTGGGGACAAAATTGGCATATCA
ATGCTGATCTCAAGAACCAAGCTCTCTCATTGAGGTAACCTTCTAGTGACAGGTC
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Nucleotide

>CrEXPA-07

TTCCCACTAAAGGAGTAAAAAGACTAACAAAAAGAGAAACCAAAAATCAAATCT
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