

IDENTIFICATION

Species: *Capsella rubella*

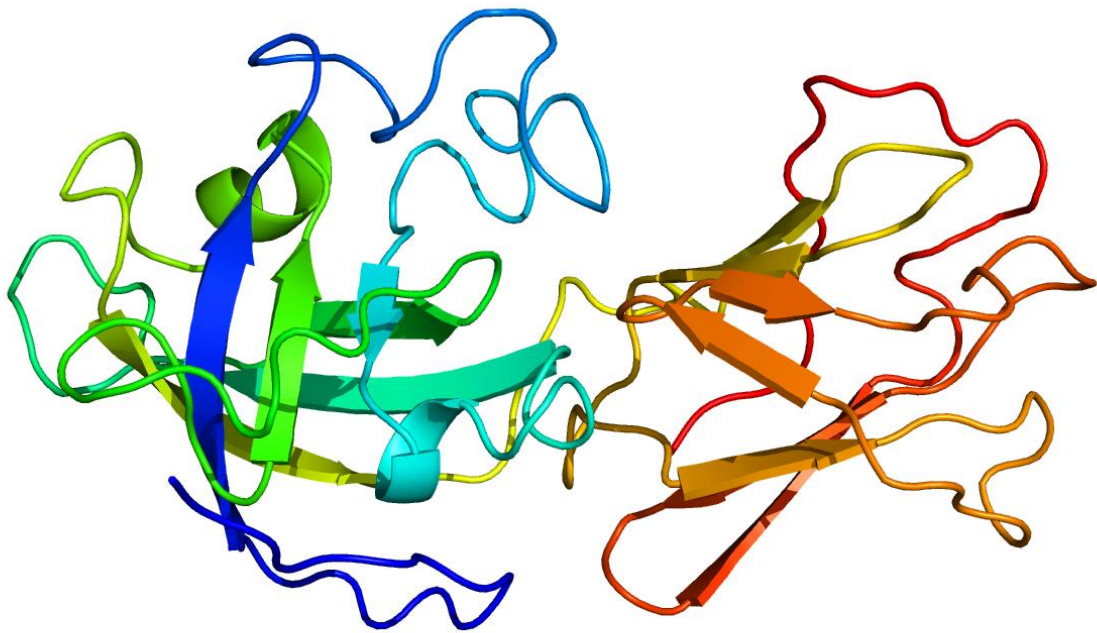
Locus: Carub.0005s0762

Gene Model: Carub.0005s0762.1.p

Description: CrEXPA-14

Family: Alpha Expansin

3D structure:



GENOME DATABASES

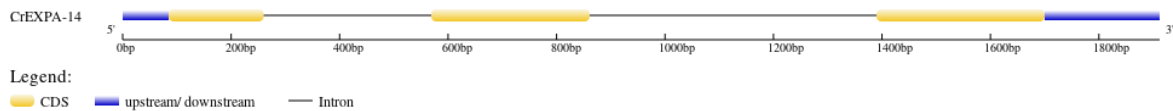
Phytozome: https://phytozome-next.jgi.doe.gov/info/Crubella_v1_1

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

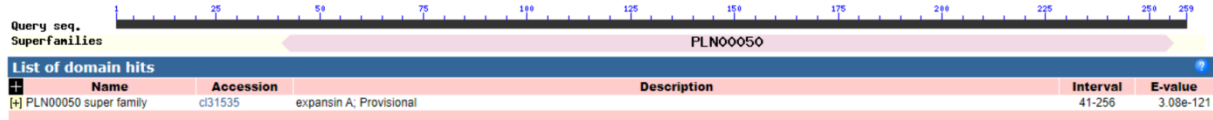
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CrEXPA-14

MGALVIFSVLVVVQLIVFSVCVQGSYRRGGGHHPPGGHMGPWNTAHATFYGGGDAS
GTMGGACGYGNLYSTGYGLETAALSTSLFDQGLSCGACFELMCVNDPQWCIGRSI
VVTATNFCPPGGACDPPNHHFDLSQPIYEKIALYKSGIIPVMYRRVRCKRSGGIRFTIN
GHSYFNLVLTNVGGAGDVHVSVMKGSRTRWQLMSRNWQNWQSN SYLNGQSLS
FVVTTSDRRSVVSYNVAPSSWSFGQTYTGGQFRY*

CDS (coding sequence)

>CrEXPA-14

ATGGGAGCTTTAGTAATCTTCTCGGTTCTTGTGGTAGTTCAGCTCATAGTGTTC
CGTTTTCGTTCAAGGCAGTTACCGTCGTGGCGGTGGCCATCATCCCGGTGGTCAT
ATGGGACCTTGGACTAATGCTCATGCTACTTTTTACGGTGGTGGTGATGCTTCCGG
CACTATGGGTGGAGCATGCGGCTATGGGAACCTATACAGCACAGGTTACGGACTA
GAGACGGCAGCATTAAAGCACATCGTTATTCGATCAAGGACTTAGCTGTGGAGCAT
GTTTTGAGCTGATGTGTGTCAATGATCCTCAATGGTGCATCAAAGGCCGATCCAT
TGTGGTCACTGCCACTAACTTTTGTCTCCTGGTGGTGCATGCGACCCTCCAAACC
ACCATTTTCGATCTTCTCAGCCGATCTACGAGAAAATCGCGCTGTACAAGTCCGG
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TTCATCAATGGCCATTCATACTTTAACTTGGTCTCCTGGTACGAACGTGGGTGG
AGCCGGAGATGTACACTCGGTTTCGATGAAAGGGTCGAGGACAAGATGGCAATT
AATGTCAAGAAATTGGGGGCAGAATTGGCAAAGCAACTCTTATCTCAATGGTCAA
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AG

Nucleotide

>CrEXPA-14

ATTCATTGACGAAAACACCCTTTTGCTTCTCTCTTTTGTCTCTTTTGCATGTTGTG
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