

IDENTIFICATION

Species: *Capsella rubella*

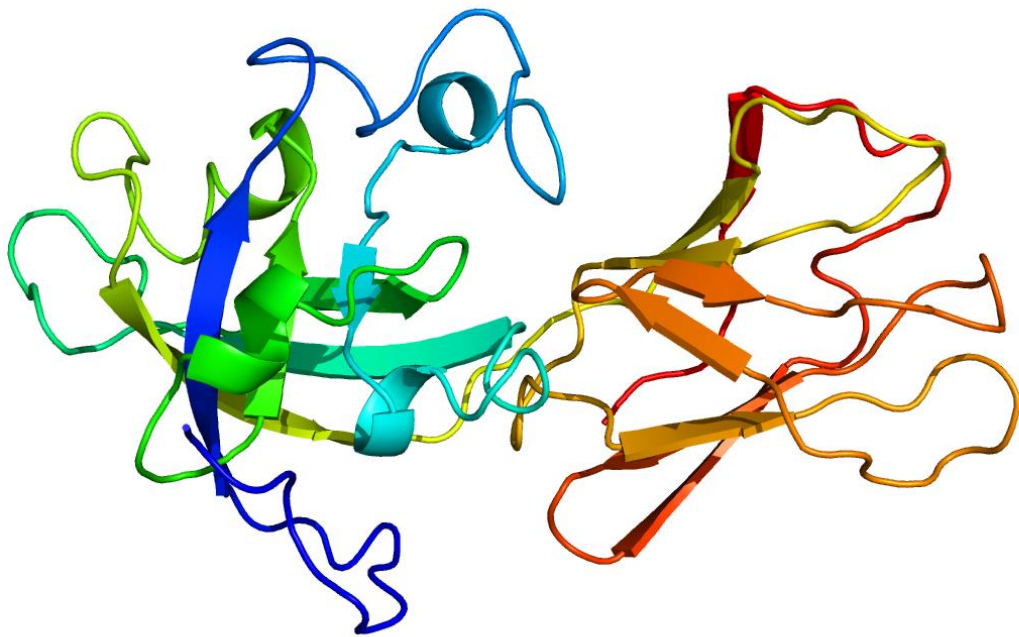
Locus: Carub.0007s3666

Gene Model: Carub.0007s3666.1.p

Description: CrEXPA-24

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>

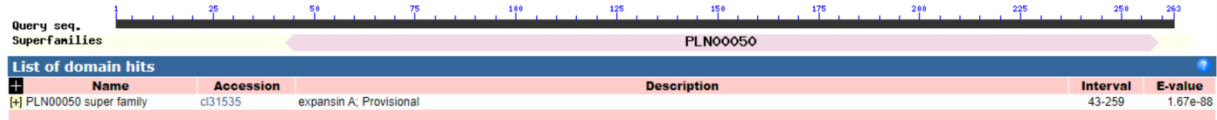
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CrEXPA-24

MKLLEKITYVECFMLIMVTWVFSMSHGENGKVAEAPLGNPTNGLDTSWYDARATFY
GDIHGGGTLEGACGYGNKPTYGLATAALSTVLFNNGYTCGACYEIMCTRSPQWCLP
GSIKITATNFCPPDSAWCNAPNKHFDLSQPMFLKIAQYKAGIVPIRYRRVPCSRAGGV
KFETKGNPNFLMILAYNVGGAGDIKYAQVKGSKTGWITMARNWQNWSTSVVPTG
QSLSLRVTTSDGVTKDFINVMPSNWGFGQTFDGKTNF*

CDS (coding sequence)

>CrEXPA-24

ATGAAACTCTTAGAAAAAATTACTTATGTAGAATGTTTTATGTTAATTATGGTGAC
ATGGTTTGTGTCCATGAGTCATGGTGAGAATGGTAAAGTAGCCGAAGCACCCTA
GGCAACCCAACCAACGGGCTCGACACTTCTTGGTATGACGCTCGAGCCACATTTT
ACGGTGATATCCATGGTGGAGGCACTCTAGAAGGAGCTTGTGGATACGGTAACA
AACCAACGTATGGTCTAGCCACAGCAGCATTGAGCACGGTGCTTTTCAACAACGG
GTACACTTGCGGAGCTTGTACGAGATCATGTGTACACGTTCGCCACAATGGTGT
TTGCCCGGATCCATCAAGATCACAGCGACAAATTTCTGTCCACCAGATTCTGCTT
GGTGCAACCGCCAAACAAACTTTGATCTTTCCCAACCAATGTTCCCTCAAGAT
CGCTCAGTACAAAGCCGGGATTGTCCCGATTAGATACAGGCGTGTTCCCTTGTTCCG
AGAGCTGGTGGTGTCAAGTTTGAAACCAAGGAAACCCTAATTTCTTAATGATCT
TGGCGTATAATGTAGGAGGAGCCGGTGATATTAAGTACGCCAAGTTAAGGGAA
GCAAACCGGGTGGATAACAATGGCAAGAACTGGGGACAAAACCTGGAGCACTA
GTGTTGTTCCGACTGGTCAGAGCTTATCATTGAGAGTTACGACGAGTGATGGTGT
TACAAAGGACTTTATTAATGTGATGCCATCAAATTGGGGATTTGGACAAACTTTT
GATGGGAAGACTAACTTTTAA

Nucleotide

>CrEXPA-24

TTAGAGAAGGATAATTAATCATGAAACTCTTAGAAAAAATTACTTATGTAGAATG
TTTTATGTTAATTATGGTGACATGGTTTGTGTCCATGAGTCATGGTGAGAATGGTA
AAGTAGCCGAAGCACCCTAGGCAACCCAACCGGCTCGACACTTCTTGGT
ATGACGCTCGAGCCACATTTTACGGTGATATCCATGGTGGAGGCACTCTAGGTAA
GTTAAAAAAAACACTAATATATTCTTGAACCTAATTGTTGAATAATATTGTATAG

ATTTGATTGTTTAAAATGCTAATTTTTGTATTTACGTTTGCATTGGGCAATTCTCA
CAAATAGCACAAAAATAGTTTTAAAATACATAAAAGCTATAATTCATTTGGAAGA
CCATTATATTAGCTATTCACCTTTGTTTCTTTATACATGTAATAGAAGGAGCTTGT
GGATACGGTAACAAACCAACGTATGGTCTAGCCACAGCAGCATTGAGCACGGTG
CTTTTCAACAACGGGTACACTTGCGGAGCTTGTACGAGATCATGTGTACACGTT
CGCCACAATGGTGTGTTGCCCGGATCCATCAAGATCACAGCGACAAATTTCTGTCC
ACCAGATTCTGCTTGGTGCAACGCGCCAAACAAACACTTTGATCTTTCCCAACCA
ATGTTCCCTCAAGATCGCTCAGTACAAAGCCGGGATTGTCCCGATTAGATACAGGC
GTGTTCCCTGTTTCGAGAGCTGGTGGTGTCAAGTTTGAAACCAAAGGAAACCCTAA
TTTCTTAATGATCTTGGCGTATAATGTAGGAGGAGCCGGTGATATTAAGTACGCC
CAAGTTAAGGGAAGCAAACCGGGTGGATAACAATGGCAAGAACTGGGGACA
AACTGGAGCACTAGTGTGTTCCGACTGGTCAGAGCTTATCATTGAGAGTTACG
ACGAGTGATGGTGTACAAAGGACTTTATTAATGTGATGCCATCAAATTGGGGAT
TTGGACAACTTTTGATGGGAAGACTAACTTTTAAGAATAATGATATGAAATTTT
TTCAAGTTGTGGCTTATACAACCTAAGAGATGTATTGGTTGCAATAATTAATAT
AAATGAGATATTA