

IDENTIFICATION

Species: *Capsella rubella*

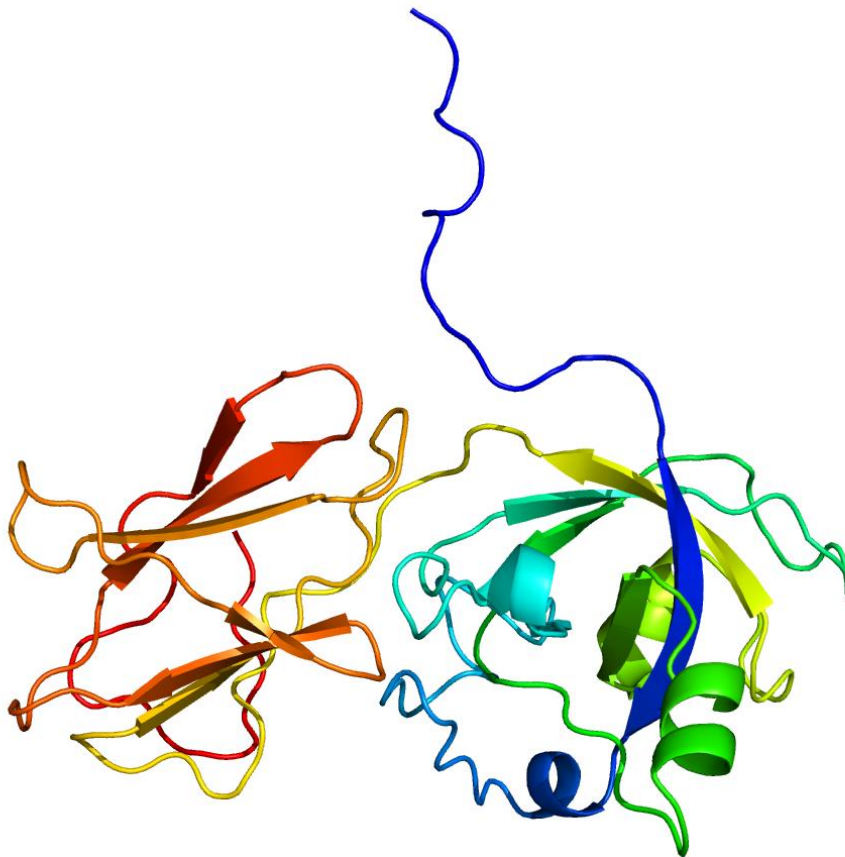
Locus: Carub.0008s0787

Gene Model: Carub.0008s0787.1.p

Description: CrEXPA-25

Family: Alpha Expansin

3D structure:



GENOME DATABASES

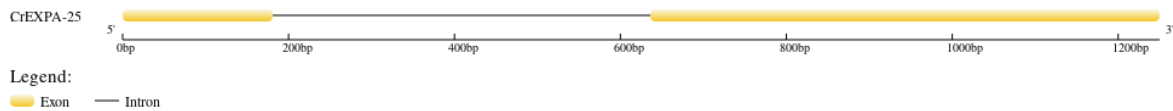
Phytozome: https://phytozome-next.jgi.doe.gov/info/Crubella_v1_1

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

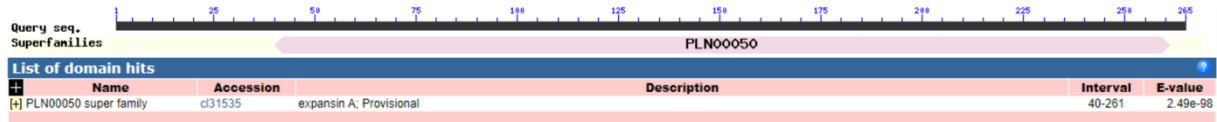
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CrEXPA-25

MKLLLEKMIYLEFLMITMAMWLVPMSTYGGVADVDRDQARSVGTAWSDARATFYGDIH
GGGTQQGACGYGNLFKQGYGLATAALSTALFNNGYTCGACFEIMCTNDPQWCLPGS
IKITATNFCPSNYTKNKDIWCNPPQKHFDLSLPMFLKIAKYRAGVVPVKYRRVPCMK
MGGVKFETSGNKYFLLLPYNVGGAGDIKYIQVKGKNTGWITMTKNWGQHWTTTSV
VLIGQGLSFRVTTTSAGITKDFINVPKNWGFQTFDGRINF*

CDS (coding sequence)

>CrEXPA-25

ATGAAACTCTTAGAAAAAATGATATATTTAGAATTCTTGATGATAACAATGGCGA
TGTGGCTCGTGCCCATGAGTTACGGTCAAGTAGCCGATGTTAGGGATCAAGCCAG
GTCAGTGGGCACTGCTTGGTCTGACGCACGAGCCACATTTTATGGTGACATTCAT
GGTGGAGGAACTCAACAGGGAGCTTGTGGATACGGCAATTTATTCAAACAAGGC
TATGGTCTAGCCACAGCAGCGTTAAGCACGGCACTCTTCAACAACGGGTACACAT
GCGGTGCTTGCTTTGAGATCATGTGCACGAATGATCCACAATGGTGTTTGCCCGG
ATCCATCAAGATCACCGCTACAACTTCTGTCCATCAAATTACACCAAAAACAAA
GACATTTGGTGCAACCCACCACAAAAGCACTTTGATCTCTCCCTACCCATGTTCCCT
CAAGATCGCAAAGTACAGAGCCGGGGTTGTCCAGTTAAATACAGGCGTGTCCCT
TGATGAAAATGGGTGGTGTCAAGTTCGAAACCAGTGGAACAATACTTCTTAT
TGATCTTGCCATAACAATGTAGGAGGAGCTGGAGACATTAATAACATAACAAGTTAA
GGGGAACAAGACCGGGTGGATAACAATGACAAAGAACTGGGGACAACATTGGA
CCACTAGTGTGTATTGATCGGCCAAGGGTTATCGTTCAGGGTTACGACAAGTGC
TGGGATTACAAAAGATTTTCATAAATGTGGTGCCGAAAAACTGGGGTTTCGGACAA
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Nucleotide

>CrEXPA-25

ATGAAACTCTTAGAAAAAATGATATATTTAGAATTCTTGATGATAACAATGGCGA
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GGTGGAGGAACTCAACGTAAGTTAAAAATATTACTAATAGTTTTATATCTTGTTT
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ACAAGGCTATGGTCTAGCCACAGCAGCGTTAAGCACGGCACTCTTCAACAACGG
GTACACATGCGGTGCTTGTCTTGTAGATCATGTGCACGAATGATCCACAATGGTGT
TTGCCCGGATCCATCAAGATCACCGCTACAACTTCTGTCCATCAAATTACACCA
AAAACAAAGACATTTGGTGCAACCCACCACAAAAGCACTTTGATCTCTCCCTACC
CATGTTCCCTCAAGATCGCAAAGTACAGAGCCGGGGTTGTCCAGTTAAATACAGG
CGTGTCCCTTGTATGAAAATGGGTGGTGTCAAGTTCGAAACCAGTGGAACAAAT
ACTTCTTATTGATCTTGCCATACAATGTAGGAGGAGCTGGAGACATTAAATACAT
ACAAGTTAAGGGGAACAAGACCGGGTGGATAACAATGACAAAGAACTGGGGAC
AACATTGGACCACTAGTGTTGTATTGATCGGCCAAGGGTTATCGTTCAGGGTTAC
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