

## IDENTIFICATION

**Species:** *Capsella rubella*

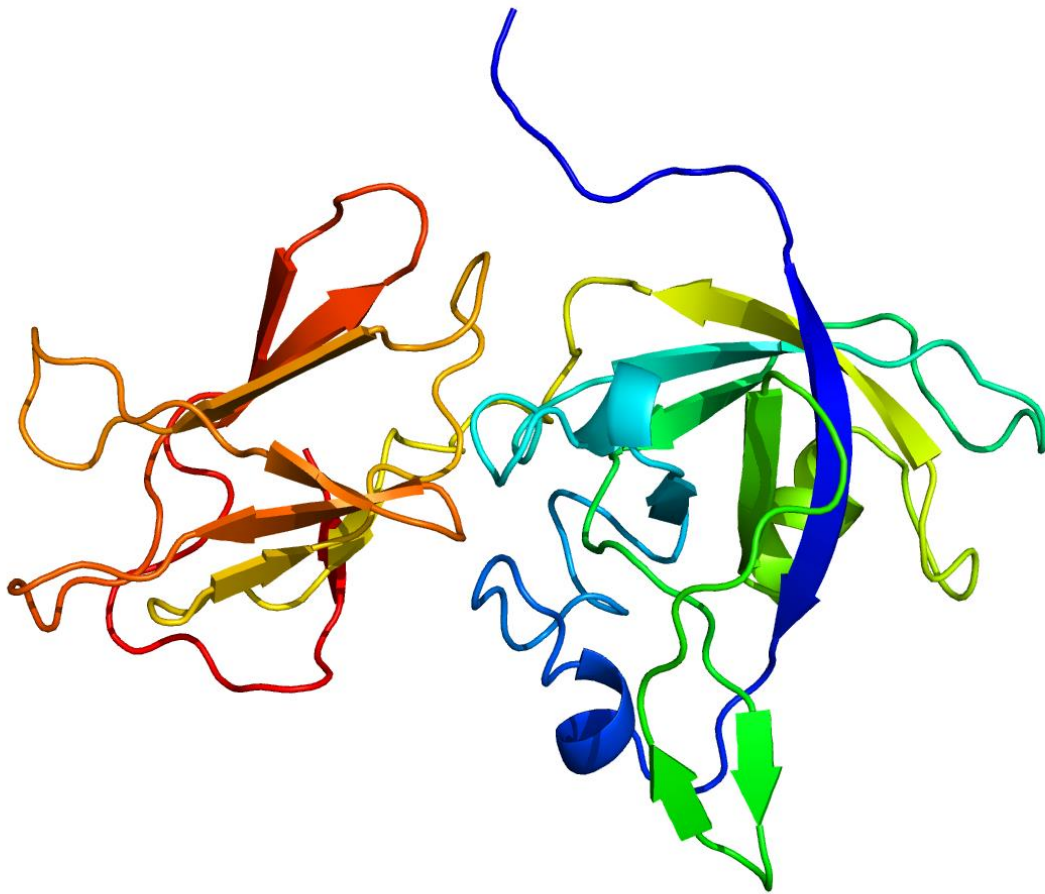
**Locus:** Carub.0005s0193

**Gene Model:** Carub.0005s0193.1.p

**Description:** CrEXPA-13

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

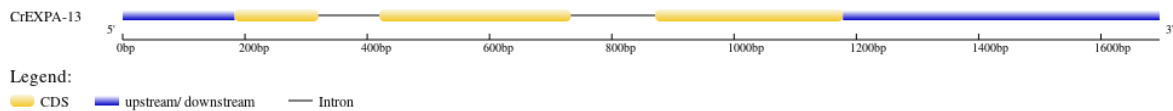
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Crubella\\_v1\\_1](https://phytozome-next.jgi.doe.gov/info/Crubella_v1_1)

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

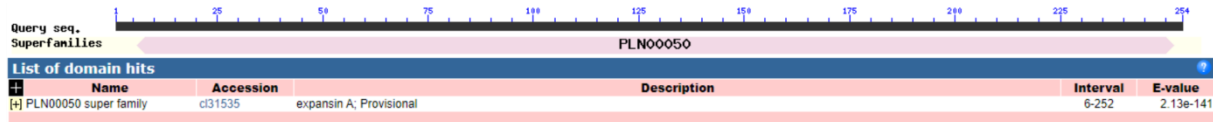
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>CrEXPA-13

MFMGKMGLLGILVLCFAAMVCSVHGYDAGWVNAHATFYGGSDASGTMGGACGY  
GNLYSQGYGTNTAALSTALFNGLSCGACFEIKCQSDGAWCLPGAIIVTATNFCPPNN  
ALPNNAGGWCNPLHHFDLSQPIFQRIAHYKAGVVPVSYRRVPCKRRGGIRFTINGHS  
YFNLVLVTNVGGAGDVHSAVKGSRTRWQQMSRNWQNWQSNLLNGQALSFKV  
TASDGRIVVSNNIAPASWSFGQTFTGRQFR\*

### CDS (coding sequence)

>CrEXPA-13

ATGTTTCATGGGAAAGATGGGTCTTTTGGGAATCTTGGTGTTGTGTTTTGCTGCAAT  
GGTGTGCTCTGTTTCATGGCTATGACGCTGGATGGGTCAATGCTCATGCTACTTTCT  
ATGGTGGAAGTGACGCTTCTGGAACAATGGGTGGAGCTTGTGGGTATGGGAATCT  
CTACAGTCAAGGATACGGAACCAACTGCAGCGTTAAGCACAGCTCTGTTC AAC  
AACGGGCTTAGCTGCGGCGCGTGTTTCGAGATCAAGTGCCAGAGCGACGGCGCG  
TGGTGTTTACCTGGTGCTATTATAGTCACGGCCACCAACTTCTGTCCTCCCAACAA  
CGCTCTTCCTAATAACGCTGGTGGTTGGTGTAACCCTCCGCTTCACCATTTTGACC  
TTTCACAGCCTATCTTCCAACGCATTGCTCATTACAAAGCTGGTGTCGTCCCTGTT  
TCTTACAGAAGGGTTCCGTGCAAGAGAAGAGGAGGTATAAGGTTCAACAATCAAC  
GGCCACTCTTACTTCAACCTCGTATTGGTGACCAATGTTGGAGGTGCTGGAGATG  
TACTACTCGGTAGCGGTTAAAGGTTCAAGAACAAGGTGGCAACAATGTCAAGAA  
ACTGGGGACAGA ACTGGCAAAGCAACAATCTTTTAAACGGTCAAGCATTGTCCTT  
TAAGGTTACTGCAAGCGATGGTCAATCGTCGTCTCTAACAAACATTGCTCCAGCT  
AGTTGGTTCGTTTCGGACAAACCTTCACAGGCCGTCAATTCCGTTGA

### Nucleotide

>CrEXPA-13

CTCCCATCAAAGCAAACCTATCTCTCTCCTTCACATTCTCTCACTCTCCAAAAAAG  
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