

## IDENTIFICATION

**Species:** *Capsella rubella*

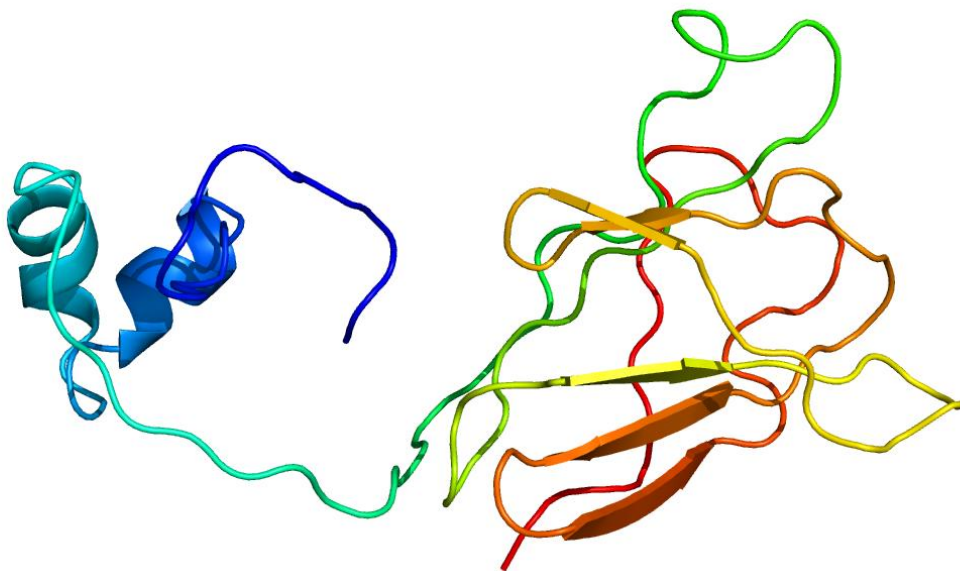
**Locus:** Carub.0005s1180

**Gene Model:** Carub.0005s1180.1.p

**Description:** CrEXLA-02

**Family:** Expansin Like Alpha

**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>

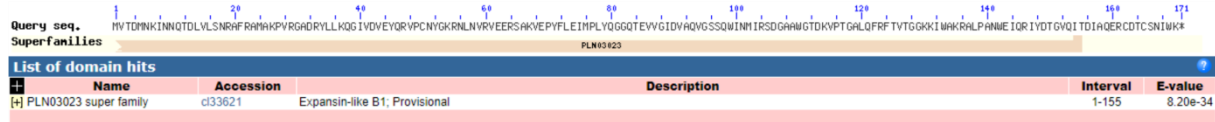
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>CrEXLA-02

MVTD MNKINNQTDLVLSNRAFRA MAKPV RGADRYLLKQGIVDVEYQRVPCNYGKRN LNVRVEERSAKVEPYFLEIMPLYQGGQTEVVGIDVAQVGSSQWINMIRSDGAAWGTDKVPTGALQFRFTVTGGKKIWA KRALPANWEIQRIYDTGVQITDIAQERC DTC SN IWK\*

### CDS (coding sequence)

>CrEXLA-02

ATGGT CACAGACATGAACAAGATCAACAACCAAACCGATCTTGTCCCTTAGTAATA  
GAGCTTTTAGGGCTATGGCTAAACCTGTTAGAGGTGCTGACAGGTACCTTCTCAA  
ACAAGGCATCGTCGATGTTGAATACCAAAGAGTTCCTTGCAACTACGGCAAAG  
GAATTTGAACGTGAGAGTTGAAGAAAGAAGCGCAAAGGTAGAGCCATACTTCTT  
GGAGATAATGCCTTTGTACCAAGGAGGCCAAACCGAAGTGGTAGGTATCGACGT  
TGCGCAAGTTGGTTCGTCACAATGGATTAACATGATAAGAAGCGACGGAGCCGC  
GTGGGGTACTGACAAAGTACCAACCGGAGCTTTACAGTTTACGGTTACGGTGACC  
GGCGGCAAAAAAATTTGGGCCAAAAGAGCTCTCCAGCCAACCTGGGAAATTCAG  
AGGATCTATGATACCGGCGTTCAGATCACTGACATTGCTCAAGAACGTTGTGATA  
CATGCAGTAACATATGGAAGTGA

### Nucleotide

>CrEXLA-02

CCCAC TTTGCAGCGGCTACACCTTCCATTTACAAACATGGTGCTGCCTGTGGAGCT  
TGCTTTCAAGTTAGATGCAAGAACCCGAAGCTGTGTACAAGTAAAGGAACCTTTG  
TGATGGTCACAGACATGAACAAGATCAACAACCAAACCGATCTTGTCCCTTAGTAA  
TAGAGCTTTTAGGGCTATGGCTAAACCTGTTAGAGGTGCTGACAGGTACCTTCTC  
AAACAAGGCATCGTCGATGTTGAATACCAAAGGTTTCGATTCTTGGAACACACGTA  
TACTTCTTGGTTTTTTTTATGTTCACTTGATTTCTACTTTGTTACTAACAAATACATT  
TTCGAAATGAAAAAAAACAGAGTTCCTTGCAACTACGGCAAAGGAATTTGAAC  
GTGAGAGTTGAAGAAAGAAGCGCAAAGGTAGAGCCATACTTCTTGAGATAATG  
CCTTTGTACCAAGGAGGCCAAACCGAAGTGGTAGGTATCGACGTTGCGCAAGTTG  
GTTTCGTCACAATGGATTAACATGATAAGAAGCGACGGAGCCGCGTGGGGTACTG  
ACAAAGTACCAACCGGAGCTTTACAGTTTAGGTTTACGGTGACCGGCGGCAAAA

AAATTTGGGCCAAAAGAGCTCTCCCAGCCAACTGGGAAATTCAGAGGATCTATG  
ATACCGGCGTTCAGATCACTGACATTGCTCAAGAACGTTGTGATACATGCAGTAA  
CATATGGAAGTGAAACATTATACTTCTCGTTATTTAG