

## IDENTIFICATION

**Species:** *Capsella rubella*

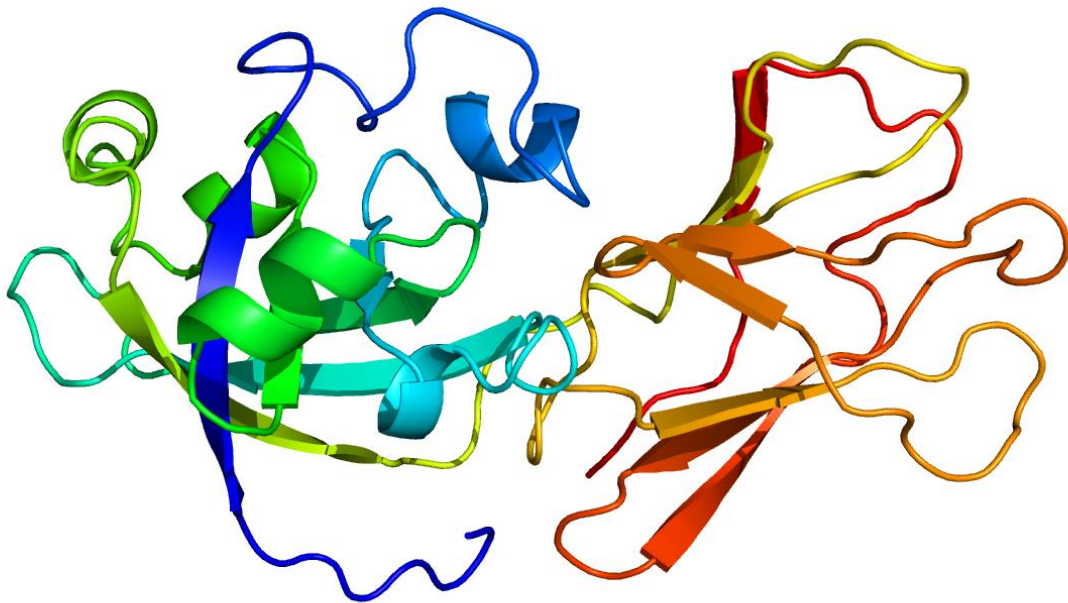
**Locus:** Carub.0004s2770

**Gene Model:** Carub.0004s2770.1.p

**Description:** CrEXPB-04

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

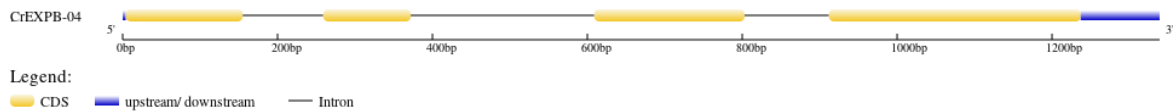
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Crubella\\_v1\\_1](https://phytozome-next.jgi.doe.gov/info/Crubella_v1_1)

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

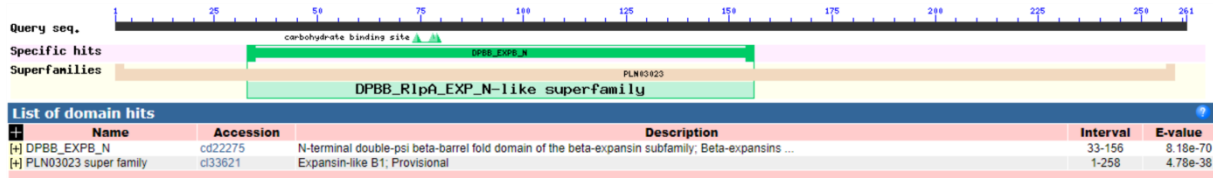
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>CrEXPB-04

MALSHKNFVLLALFVVSLKFCYCQNETIDVAGWGAAGVTWYGE PDGAGSTGGACG  
YGFVAVNPLYAMVSAGGPSLFNSGSGCGTCYKIACSGNPACSGKPITVTITDECPGG  
PCTSEPT HFDLSGRAMGALARPGQADRLRSAGVLRVYYKRAACLYGGT NIAFRMDA  
GANPFYIAFLVEYENG DGLASVEIQAGGRFLRMQEMRSA VWKVNSGSALRGP FNI  
RLTSGESHKVVVA YNVIPANWRPDV TYRSIVNFH\*

### CDS (coding sequence)

>CrEXPB-04

ATGGCATTATCACATAAAAATTTTCGTTCTTTTGGCTCTTTTCGTAGTCTCCCTAAA  
GTTTTGTTATTGTCAAAAATGAGACTATAGATGTTGCGGGATGGGGGGCCGCTGGA  
GTTACTTGGTATGGTGAACCTGACGGCGCCGGTAGCACTGGAGGAGCTTGTGGGT  
ACGGTTTCGCGGTTGTTAATCCACCGTTATACGCCATGGTTTCAGCCGGAGGCCCT  
TCACTGTTCAACAGTGGATCAGGATGTGGAACATGTTATAAGATTGCGTGCAGCG  
GGAATCCTGCATGCTCGGGGAAACCTATAACGGTGACGATAACCGACGAATGTC  
CCGGCGGTCTTGCACCTCCGAACCAACCCACTTTGATCTTAGCGGCAGAGCCAT  
GGGTGCCTTAGCCAGACCTGGCCAAGCCGACCGACTTCGATCTGCTGGTGTCTA  
CGTGT TACTACAAACGAGCGGCATGTTTATATGGAGGAACTAATATAGCTTTCC  
GTATGGACGCGGGAGCAAATCCGTTTTACATAGCATTTCCTTGTCGAGTATGAAA  
TGGTGATGGAGACTTGGCGTCCGTTGAGATTCAACCGGCCGGCGGGAGATTCCTC  
CGCATGCAAGAAATGAGATCGGCCGTATGGAAGGTCAACTCTGGCAGTGCTCTA  
AGAGGTCCATTCAACATCAGACTTACCTCTGGTGAGTCTCATAAAGTAGTCGTTG  
CTTATAATGTCATTCCGGCAAACCTGGAGACCCGACGTAACATAACCGTTCAATTGT  
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### Nucleotide

>CrEXPB-04

ATCAATGGCATTATCACATAAAAATTTTCGTTCTTTTGGCTCTTTTCGTAGTCTCCCT  
AAAGTTTTGTTATTGTCAAAAATGAGACTATAGATGTTGCGGGATGGGGGGCCGCT  
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ATTAAATTACATATTTTATATTTGTAAACAGCATAAATATCTAATTTCTGAATAATA  
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CGACGAATGTCCCGGCGGTCTTGCACCTCCGAACCAACCCACTTTGATCTTAGC  
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GCTCTAAGAGGTCCATTCAACATCAGACTTACCTCTGGTGAGTCTCATAAAGTAG  
TCGTTGCTTATAATGTCATTCCGGCAAACCTGGAGACCCGACGTAACATACCGTTC  
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TGTTTTCGCTAGTCATAATACAATATAAAGAAAACCTATAATATAAAGGTATGGA  
TAATTAATA