

IDENTIFICATION

Species: *Capsella rubella*

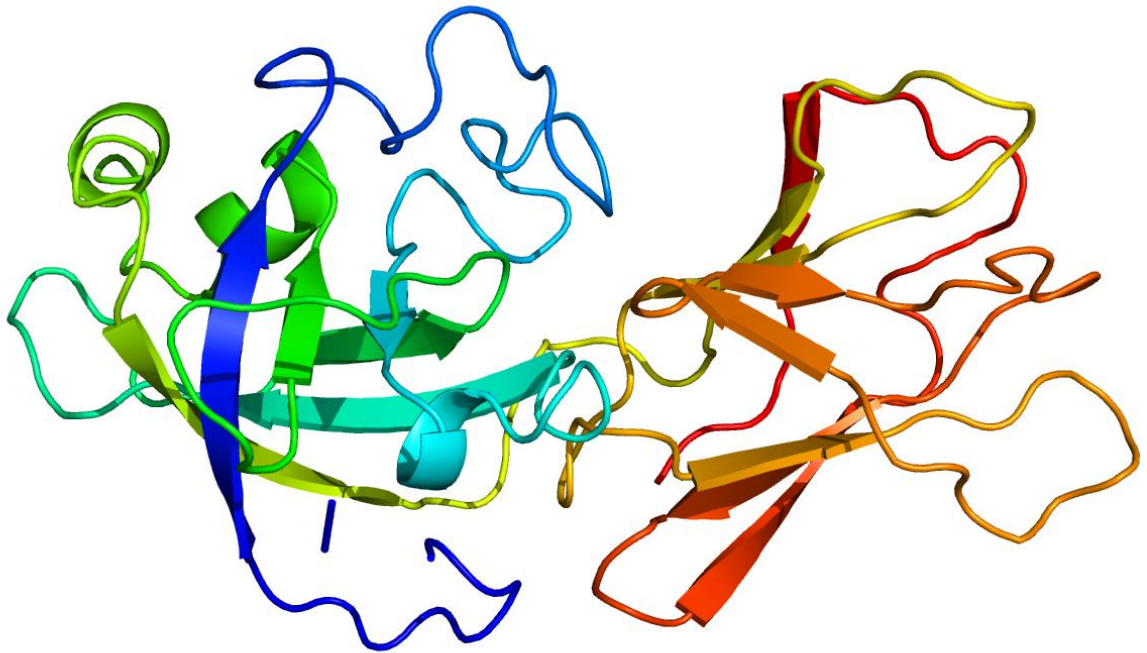
Locus: Carub.0007s1251

Gene Model: Carub.0007s1251.1.p

Description: CrEXPB-06

Family: Beta Expansin

3D structure:



GENOME DATABASES

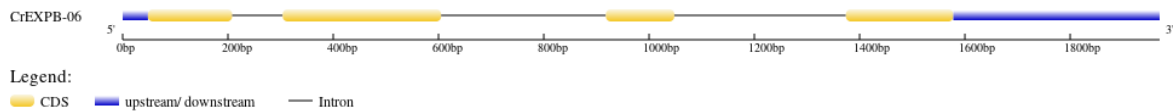
Phytozome: https://phytozome-next.jgi.doe.gov/info/Crubella_v1_1

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

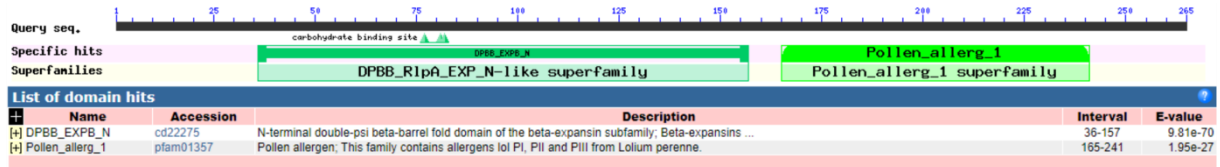
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CrEXPB-06

MQLSRVMLATLCIVLQLLVGSSGLATTHRHVSSSRWLPAVATWYWGSPNGDGSDDGGA
CGYGTLDVVKPLHARVGA VNPILFKNGEGCGACYKVRCLDKSICSRRAVTVIITDECP
GCKSTSTHFDLSGAVFGRLAAGESGPLNRGLIPVIYRRTACKYRGKNIAFHVNEGS
TDFWLSLLVEFEDGEGDIGSMHIRQAGARDWLEMKHVWGANWCIVGGPLKGPFSIK
LTTL SAGKTL SATDVVPRNWAPKATYSSRLNFSPIL*

CDS (coding sequence)

>CrEXPB-06

ATGCAGCTCTCTCGGGTCATGTTAGCTACACTCTGCATTGTCCTGCAGCTACTTGT
TGGCTCGTCCGGTTTGGCTACGACCCATCGCCACGTGTCTAGCTCCCGTTGGCTCC
CTGCAGTCGCTACCTGGTACGGAAGCCCAACGGCGACGGCAGTGATGGAGGAG
CGTGTGGGTACGGTACGTTGGTGGATGTGAAGCCGTTACATGCGAGGGTTGGAGC
AGTGAATCCTATTCTCTTCAAAAATGGTGAAGGCTGCGGCGCTTGTTACAAGGTT
CGTTGTTTGGACAAGAGCATTGTTCCAGGAGAGCCGTTACCGTCATTATCACCG
ATGAGTGTCCGGGCTGCTCTAAACTAGCACTCACTTCGACCTCAGTGGTGCCGT
CTTCGGCCGCTTGGCCATTGCCGGCGAGTCTGGCCCTCTCCGTAACCGTGGTCTTA
TCCCCGTCATTTACCGCCGGACCGCATGCAAATACAGAGGGAAGAACATAGCGTT
CCATGTGAACGAAGGCTCAACTGATTTTTGGCTCTCTCTTTTGGTTCGAGTTTGAAG
ACGGAGAAGGCGACATTGGCTCCATGCACATTCGACAAGCAGGAGCAAGGGATT
GGTTAGAGATGAAACACGTATGGGGAGCCAATTGGTGTATTGTCGGAGGACCAC
TCAAGGGACCATTCTCTATCAAGCTCACCCTTGTCCGCCGGTAAAACACTCTCT
GCCACTGACGTTGTCCCTAGAAACTGGGCTCCCAAAGCAACTTACAGTTCCCGTC
TCAACTTCTCCCCCATTCTCTGA

Nucleotide

>CrEXPB-06

TTCTTTACTTTTCCGGCTCTGGTCGGGTAAACCAACTCCGGCAGAAAAATGCAGC
TCTCTCGGGTCATGTTAGCTACACTCTGCATTGTCCTGCAGCTACTTGTGGCTCG
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CGCTACCTGGTACGGAAGCCCCAACGGCGACGGCAGTGATGGTAATTA AAAACTC
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