

IDENTIFICATION

Species: *Capsella rubella*

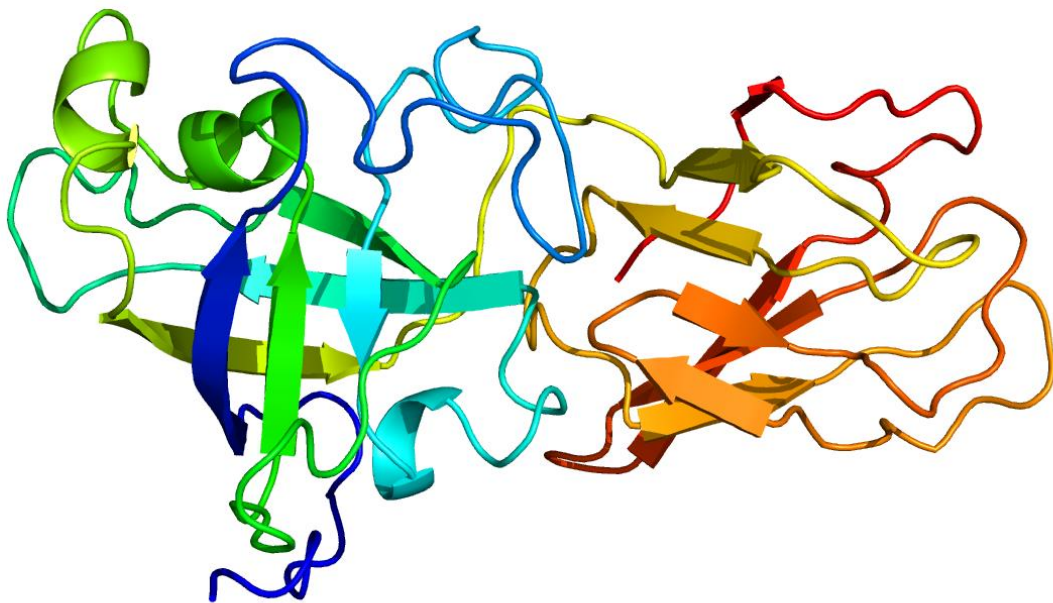
Locus: Carub.0003s3532

Gene Model: Carub.0003s3532.1.p

Description: CrEXPB-01

Family: Beta Expansin

3D structure:



GENOME DATABASES

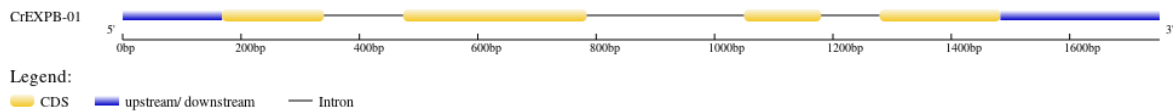
Phytozome: https://phytozome-next.jgi.doe.gov/info/Crubella_v1_1

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

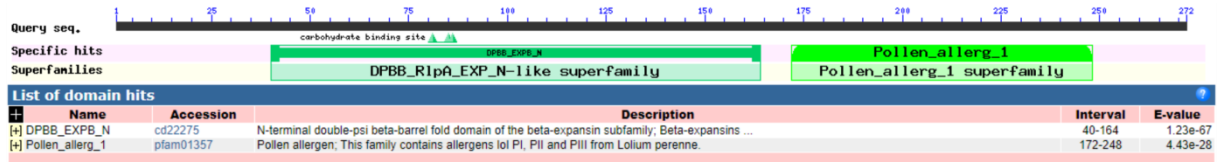
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CrEXPB-01

MLFLPLILPTLCVFLHLLRGGSCSPPLSHSPQRVAASHWLPATATWYGSAEGDGSSG
GACGYGSLVDVKPFRARVGA VSPILFKSGEGCGACYKVRCLDKTICKRAVTIIVTDQ
SPSGPSAKAKHTHFDLSGA AFGHMAIPGHNGVIRNRGLLNILYRRTACKYRGKNIAF
HVNAGSTAYWLSLLIEYEDGE GDIGSMHIRQAGSKEWIAMKHIWGANWCIVEGPLK
GPFSVKLTTL SNNKTL SATDVIPSNWPKATYTSRLNFSPVL*

CDS (coding sequence)

>CrEXPB-01

ATGCAGCTCTTTCCTCTCATCCTACCGACACTATGCGTCTTTCCTCCACCTTCTTAG
AGGCGGTTCTTGCTCTCCTCCACCGTTGTCTCACTCCCCTCAACGCGTGGCAGCCT
CTCATTGGCTACCCGCCACGGCCACCTGGTACGGGAGTGCCGAGGGCGACGGCA
GTAGCGGAGGAGCTTGTGGTTACGGGTCGCTAGTGGACGTGAAGCCGTTTAGAGC
AAGGTTGGTGCGGTGAGTCCGATTCTGTTCAAGAGCGGCGAAGGCTGCGGTGC
ATGTTACAAGGTCAGGTGTCTCGACAAGACCATTTGCTCTAAGAGAGCTGTCACC
ATTATTGTCACCGACCAGTCACCGTCAGGACCATCTGCTAAAGCAAACACACTC
ACTTCGACCTAAGTGGTGCCGCTTTGGACATATGGCTATTCCCGGCCATAACGG
CGTCATCCGCAACCGTGGTCTGTAAACATCCTCTACCGCCGAACAGCATGCAAG
TACAGAGGGAAGAACATAGCGTTCATGTGAACGCAGGATCAACTGCTTATTGGC
TATCTCTTCTCATTGAGTATGAAGATGGTGAAGGAGACATTGGCTCTATGCACAT
TCGTCAAGCCGGGTCTAAGGAGTGGATAGCAATGAAGCACATATGGGGAGCAAA
CTGGTGCATCGTTGAAGGACCACTCAAGGGACCTTTCTCAGTCAAGCTCACTACT
TTGTCCAACAACAAGACTCTCTCTGCCACCGACGTCATCCAAGTAACTGGGTTC
CAAAGCTACTTACACCTCTCGGCTCAACTTCTCCCCTGTTCTCTAG

Nucleotide

>CrEXPB-01

CTCTCATGGCCTCAATGTATCAATTATTATTGATTTTTTTTGATACTAAAGGCTTTTT
CCAATTCTTCTATATTTAACCAACTAATAAACCAAACCATTTTCACACTCTCAC
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GCAGCTCTTTCCTCTCATCCTACCGACACTATGCGTCTTCCTCCACCTTCTTAGAG
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