

IDENTIFICATION

Species: *Capsella rubella*

Locus: Carub.0007s2439

Gene Model: Carub.0007s2439.1.p

Description: CrEXLB-01

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

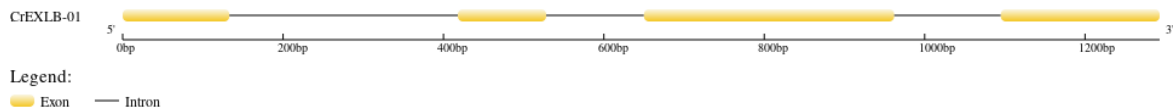
Phytozome: https://phytozome-next.jgi.doe.gov/info/Crubella_v1_1

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

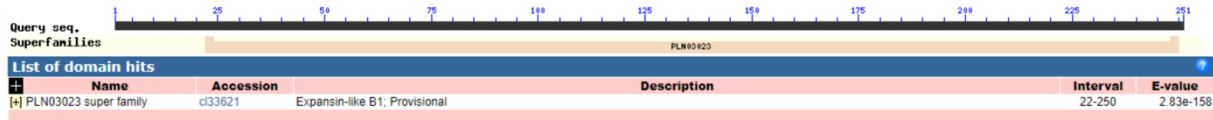
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CrEXLB-01

MKQSHVLLLLLVQVIVLLPLHCLSDGFVSSRATYYGSPECKANPRGHCGYGEFGRDI
NNGEVSGVSWRLWNNGTGCGACYQVRCKIPPHCSEEGVYVVATDSGEGDGTDFILS
PKAYGRMARPGTENQLYSFGVVDVEYQRIPCRYAGYNLVYKIHEKSYNPHYLAAILVL
YVGGINDILAVEVWQEDCKEWIRMRRVFGAVHDLQNPPRGTLTLRFLVYGSAGINW
VQSPNAIPADWTAGATYDSNILLT*

CDS (coding sequence)

>CrEXLB-01

ATGAAGCAGTCTCACGTTTTGCTTCTTCTACTCGTTCAAGTCATTGTCCTTTTGCCT
CTCCATTGTCTATCCGACGGTTTTGTTAGCTCTCGAGCTACTTATTATGGCAGCCC
GGAATGCAAAGCAAATCCTCGAGGACATTGTGGATATGGAGAATTTGGAAGAGA
TATCAATAATGGTGAAGTGAGTGGTGTTCGTGGCGACTATGGAACAATGGAACC
GGCTGTGGTGCTTGTACCAGGTGAGGTGAAAATACCACCACACTGCAGTGAGG
AAGGAGTATACGTAGTGGCTACGGACTCCGGAGAAGGAGATGGTACGGACTTCA
TCTTAAGCCCTAAGGCGTACGGACGTATGGCTCGACCCGGCACAGAGAATCAGCT
CTACTCCTTCGGTGTGGTCGACGTCGAGTACCAGAGGATCCCTTGCCGGTACGCT
GGATATAACCTAGTGTACAAGATCCATGAGAAAAGCTATAACCCTCATTATCTTG
CCATCCTTGTCTTGTACGTTGGTGGTATCAATGACATCCTCGCCGTTGAAGTATGG
CAGGAGGATTGCAAAGAGTGGATACGTATGAGAAGAGTGTTTGGTGCGGTTAC
GATTTGCAAACCCACCAAGAGGCACTCTCACATTGAGGTTCTTAGTCTACGGAA
GCGCCGGTATCAATTGGGTCCAATCGCAAACGCTATTCCC GCCGATTGGACCGC
AGGAGCCACTTACGACTCCAACATTCTACTCACTTGA

Nucleotide

>CrEXLB-01

ATGAAGCAGTCTCACGTTTTGCTTCTTCTACTCGTTCAAGTCATTGTCCTTTTGCCT
CTCCATTGTCTATCCGACGGTTTTGTTAGCTCTCGAGCTACTTATTATGGCAGCCC
GGAATGCAAAGCAAATCCTCGTATGTATTTTAATTAATTATATTGCTATAAATTAT
GTACCTCTTAATTAACCTTTTTTTCATTAGTATAGTACGTAACACCTCATTATGAAC
CTAAACTAATTAGTTTATATATTTGTATGATTGTATATACGTGTAGGTTTATCCAA
ATTCTTAATATAGAATTGAAACGATTCCATTACGTGTCCATAATGAGACTTTTTCA

AGAAACCGTTATTATTTGATAAAAATGCCTAGTACTTTGATTTCTATCATGAATAAT
TAAACTTTGACTATTATGTATGCAGGAGGACATTGTGGATATGGAGAATTTGGAA
GAGATATCAATAATGGTGAAGTGAGTGGTGTTCGTGGCGACTATGGAACAATGG
AACCGGCTGTGGTGCTTGTTACCAGGTTTATATAATTCAACCTCATTAATATTTT
ATCAATATATAACATTGATCATATGCTAATTTCAATACTAAATGTCCATTACTAAC
CTTATATAATATTATAATTTATGAATTATACAAAGGTGAGGTGCAAATACCACC
ACACTGCAGTGAGGAAGGAGTATACGTAGTGGCTACGGACTCCGGAGAAGGAGA
TGGTACGGACTTCATCTTAAGCCCTAAGGCGTACGGACGTATGGCTCGACCCGGC
ACAGAGAATCAGCTCTACTCCTTCGGTGTGGTCGACGTCGAGTACCAGAGGATCC
CTTGCCGGTACGCTGGATATAACCTAGTGTACAAGATCCATGAGAAAAGCTATAA
CCCTCATTATCTTGCCATCCTTGTCTTGTACGTTGGTGGTATCAATGACATCCTCG
CCGTTGAAGTATGGCAGGTAATTATCTTGATCAAATATTATTACAAAACAAAACA
AAACAAAACATGACAAGCTAAGTATCATGTAACGATCACTAGCTAAGACAATAT
ATTTGTTAATCAATATATGGTTGTGTATGTATGAATTATAGGAGGATTGCAAAGA
GTGGATACGTATGAGAAGAGTGTTTGGTGC GGTTACGATTTGCAAACCCACCA
AGAGGCACTCTCACATTGAGGTTCTTAGTCTACGGAAGCGCCGGTATCAATTGGG
TCCAATCGCCAAACGCTATTCCCGCCGATTGGACCGCAGGAGCCACTTACGACTC
CAACATTCTACTCACTTGA