

IDENTIFICATION

Species: *Capsella rubella*

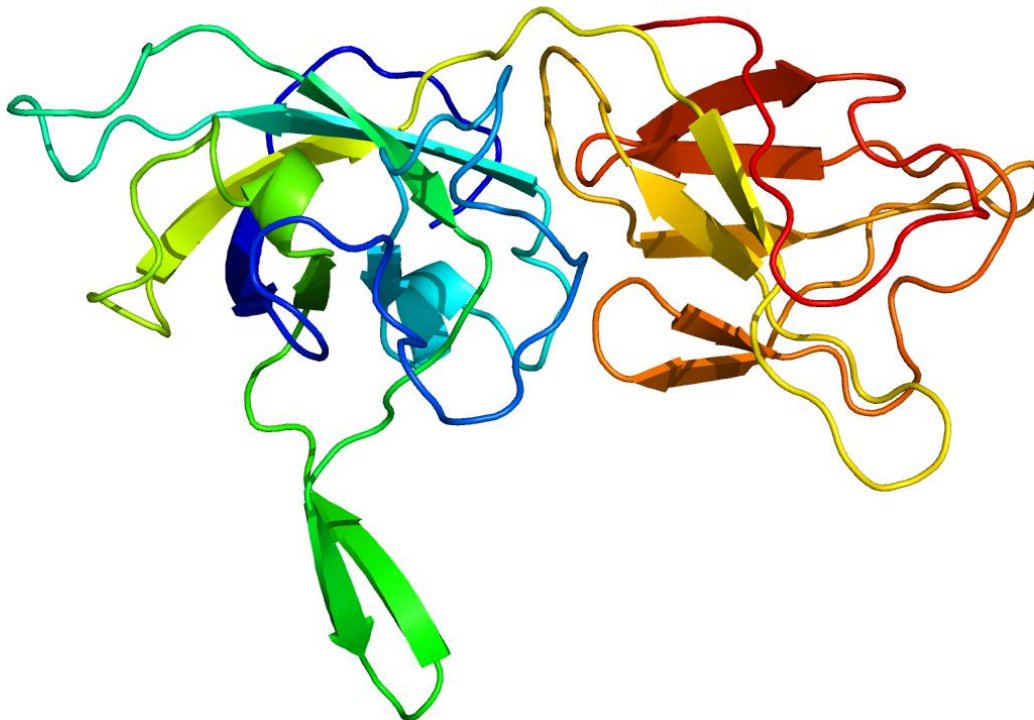
Locus: Carub.0006s0422

Gene Model: Carub.0006s0422.1.p

Description: CrEXPA-17

Family: Alpha Expansin

3D structure:



GENOME DATABASES

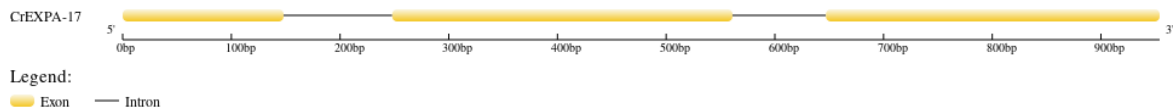
Phytozome: https://phytozome-next.jgi.doe.gov/info/Crubella_v1_1

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

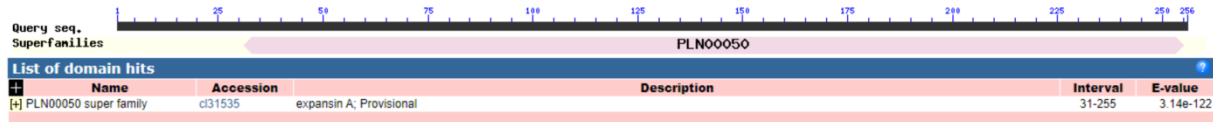
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CrEXPA-17

MNLIVYSQILFVSLCTLSCCFYLINSDDNGGWDRGHATFYGGADASGTMGGACGYG
NLNSQGYGLQTAALSTALFNNGQRCGACFELQCEDDPEWCIPGSIIVSATNFCPPNFA
LANDNGGWCNPPLKHFDLAQPAFLQIAHYRAGIVPVAFRRVPCCKGGIRFTINGNP
YFDLVLITNVGGAGDVRAVSLKGSKTNQWQSMSRNWQNWQSNQTYLRGQSLSFQV
IASDGRAVVSVDVPPDDWQFGQTFEGGQF*

CDS (coding sequence)

>CrEXPA-17

ATGAATCTTATAGTTTACTCTCAGATTTTATTTGTTTCACTATGTACCCTCAGTTGC
TGCTTCTACCTTATTAAGTCCGACGACAACGGAGGCTGGGATAGAGGCCATGCCA
CCTTCTACGGCGGAGCTGATGCATCCGGCACTATGGGTGGTGCCTGTGGGTACGG
TAACTTAAACAGCCAAGGCTATGGGCTACAAACCGCGGCTCTGAGCACTGCTTTG
TTCAACAACGGACAGAGATGTGGGGCTTGCTTTGAGCTACAGTGTGAGGATGATC
CTGAGTGGTGCATCCCTGGTTCCATCATCGTCTCAGCTACAACTTCTGTCCACCA
AACTTTGCCTTAGCCAATGATAATGGTGGTGGTGAATCCTCCCCTCAAGCACTT
TGACTTAGCCCAGCCTGCCTTCCCTCAAATTGCTCACTACCGAGCTGGGATCGTTC
CTGTGCGATTTTGAAGGGTTCATGTGAGAAAGGTGGAGGTATAAGGTTTACAAT
AAACGGGAATCCGTATTTTCGACCTCGTGCTGATCACAACGTGGGTGGTGGTGGG
GATGTAAGGGCCGTCTCTTTGAAAGGATCAAAGACTAATCAGTGGCAATCCATGT
CAAGAACTGGGGACAGAATTGGCAAAGCAACTTACCTTAGAGGTCAAAGCC
TCTCTTTTCAAGTCATTGCTAGTGACGGTTCGGGCTGTTGTGAGCTACGATGTTGTG
CCTGATGATTGGCAGTTCGGTCAAACCTTTTGAAGGCGGACAATTCTAA

Nucleotide

>CrEXPA-17

ATGAATCTTATAGTTTACTCTCAGATTTTATTTGTTTCACTATGTACCCTCAGTTGC
TGCTTCTACCTTATTAAGTCCGACGACAACGGAGGCTGGGATAGAGGCCATGCCA
CCTTCTACGGCGGAGCTGATGCATCCGGCACTATGGGTACTTTTAAACGACTACTTT
TTCCATGAGCTCACTTATAATCCACAAATTAATAATATTTTAAACATGTCTAACAGT
TGACTTGTGGGGTTTAAATTGTAGGTGGTGCCTGTGGGTACGGTAACTTAAACAG
CCAAGGCTATGGGCTACAAACCGCGGCTCTGAGCACTGCTTTGTTCAACAACGGA

CAGAGATGTGGGGCTTGCTTTGAGCTACAGTGTGAGGATGATCCTGAGTGGTGCA
TCCCTGGTTCATCATCGTCTCAGCTACAACTTCTGTCCACCAAACCTTTGCCTTA
GCCAATGATAATGGTGGTTGGTGCAATCCTCCCCTCAAGCACTTTGACTTAGCCC
AGCCTGCCTTCCTCCAAATTGCTCACTACCGAGCTGGGATCGTTCCTGTCGCATTT
CGAAGGTATAGGTTTCACTAGCTAGAAACACCTTTAACTCAAGTTTGAAACTATA
TATGTAACAAATTTATATGTCCATTTATAATGACAGGGTTCCATGTGAGAAAGGT
GGAGGTATAAGGTTCAACAATAAACGGGAATCCGTATTTTCGACCTCGTGCTGATCA
CAAACGTGGGTGGTGCTGGGGATGTAAGGGCCGTCTCTTTGAAAGGATCAAAGA
CTAATCAGTGGCAATCCATGTCAAGAACTGGGGACAGAATTGGCAAAGCAACA
CTTACCTTAGAGGTCAAAGCCTCTCTTTTCAAGTCATTGCTAGTGACGGTCGGGCT
GTTGTGAGCTACGATGTTGTGCCTGATGATTGGCAGTTCGGTCAAACCTTTGAAG
GCGGACAATTCTAA