

IDENTIFICATION

Species: *Capsella rubella*

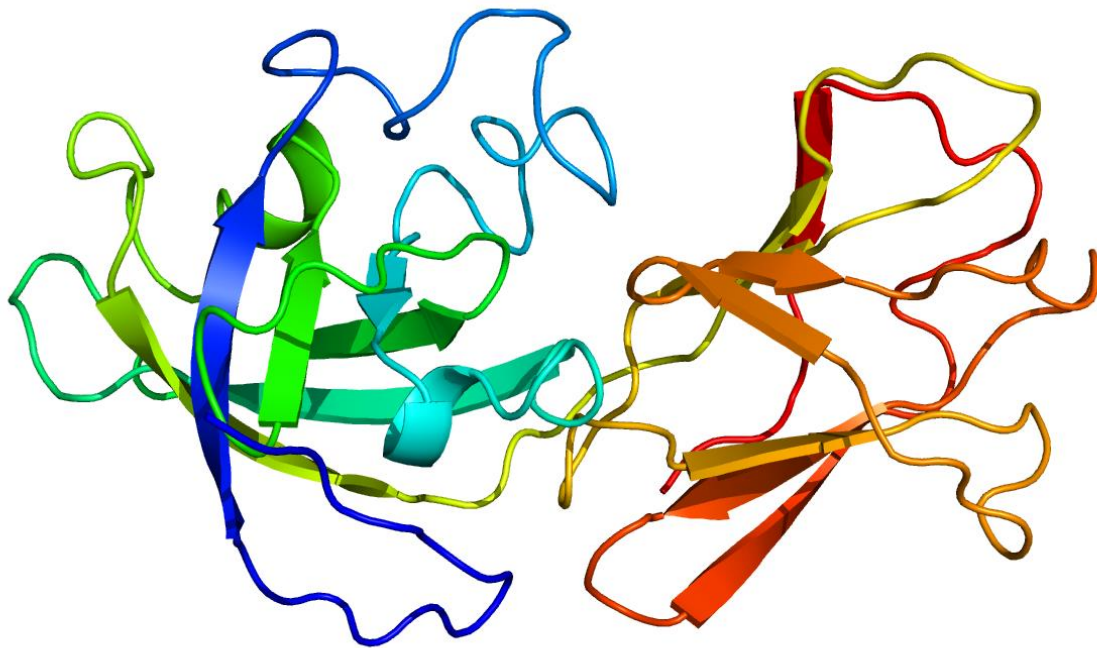
Locus: Carub.0001s1225

Gene Model: Carub.0001s1225.1.p

Description: CrEXPA-02

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>

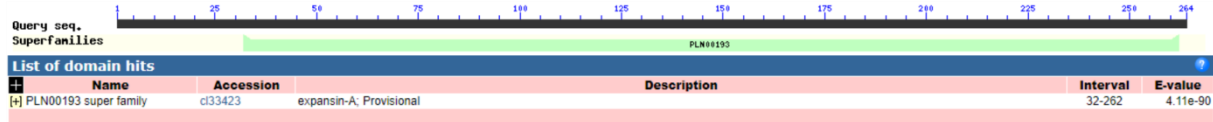
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CrEXPA-02

MGPISSSWSFNKFFAIVFVVFAISGEFVAGYYRPGPWRYAHATFYGDETASETMGGACGYGNLFSNGYGVATAALSTTLFKDGYGCGQCFQITCMKSPHCYYGNPSTVVVATNLCPNWWYQDSNNGGWCNPPRTHFDMAKPAFMKLANWRAGIIPVAYRRVPCQRSGGMRFQFQGNAYWLLIFVMNVGGAGDIKSMVKGSRTNWISMHNWGASYQAFSSLYGQSLSFRTSYTTGETIYAWNVAPANWSAGKTYKATANFR*

CDS (coding sequence)

>CrEXPA-02

ATGGGTCCAATCTCAAGTTCTTGGAGTTTCAACAAATTCTTCGCGATTGTTTTTGT
CGTTTTTCGCCATCTCTGGTGAGTTCGTCGCTGGATACTATCGACCAGGCCCATGGA
GGTATGCTCACGCCACTTTCTACGGCGACGAGACCGCTAGTGAAACTATGGGTGG
TGCATGTGGGTACGGAAACCTTTTTAACAGCGGATACGGTGTGGCCACGGCAGCG
CTAAGCACGACGTTGTTCAAAGACGGTTACGGATGCGGCCAATGTTTTCAAATAA
CGTGTATGAAGTCACCGCATTGTTATTATGGAAACCCATCAACGGTGGTCACAGC
CACCAACCTTTGCCCTCCTAATTGGTACCAAGACTCCAACAACGGTGGTTGGTGT
AATCCTCCTAGAACCCATTTTCGATATGGCTAAACCGGCTTTCATGAAACTCGCTA
ATTGGAGGGCCGGTATCATCCCAGTTGCATACCGAAGAGTGCCATGCCAAAGGA
GTGGAGGTATGAGGTTTCAATTCCAAGGCAATGCATACTGGCTTCTGATATTCGT
CATGAACGTTGGCGGCGCCGGAGACATCAAGAGCATGGCCGTGAAAGGTAGCCG
GACGAATTGGATAAGCATGAGCCACAATTGGGGAGCATCTTACCAAGCATTCTCG
TCTCTGTACGGTCAATCTCTATCTTTTCAGGGTCACTTCTTACACCACAGGTGAAAC
CATCTATGCTTGGAACGTTGCTCCAGCTAACTGGAGCGCCGGTAAGACTTACAAG
GCCACTGCCAATTTCCGTTGA

Nucleotide

>CrEXPA-02

ATGGGTCCAATCTCAAGTTCTTGGAGTTTCAACAAATTCTTCGCGATTGTTTTTGT
CGTTTTTCGCCATCTCTGGTGAGTTCGTCGCTGGATACTATCGACCAGGCCCATGGA
GGTATGCTCACGCCACTTTCTACGGCGACGAGACCGCTAGTGAAACTATGGGTAC
GTAAACATTTTCATTTCACTTCTCAGCTTGCATATATCATTTGCATGTTTTTTTCT
TTTTGGTTTAAATATCATTTTCATGTTCTCTGAACCTAAACTGATATATGATCACA

ATATGTAGGTGGTGCATGTGGGTACGGAAACCTTTTTAACAGCGGATACGGTGTG
GCCACGGCAGCGCTAAGCACGACGTTGTTCAAAGACGGTTACGGATGCGGCCAA
TGTTTTCAAATAACGTGTATGAAGTCACCGCATTGTTATTATGGAAACCCATCAA
CGGTGGTCACAGCCACCAACCTTTGCCCTCCTAATTGGTACCAAGACTCCAACAA
CGGTGGTTGGTGTAACTCCTCCTAGAACCCATTTTCGATATGGCTAAACCGGCTTTCA
TGAAACTCGCTAATTGGAGGGCCGGTATCATCCCAGTTGCATACCGAAGGTATAT
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ATAACTAATATATGTGATTGATGAATATAGAGTGCCATGCCAAAGGAGTGGAGGT
ATGAGGTTTCAATTCCAAGGCAATGCATACTGGCTTCTGATATTCGTCATGAACG
TTGGCGGCCGCCGGAGACATCAAGAGCATGGCCGTGAAAGGTAGCCGGACGAATT
GGATAAGCATGAGCCACAATTGGGGAGCATCTTACCAAGCATTCTCGTCTCTGTA
CGGTCAATCTCTATCTTTCAGGGTCACTTCTTACACCACAGGTGAAACCATCTATG
CTTGGAACGTTGCTCCAGCTAACTGGAGCGCCGGTAAGACTTACAAGGCCACTGC
CAATTTCCGTTGA