

IDENTIFICATION

Species: *Capsella rubella*

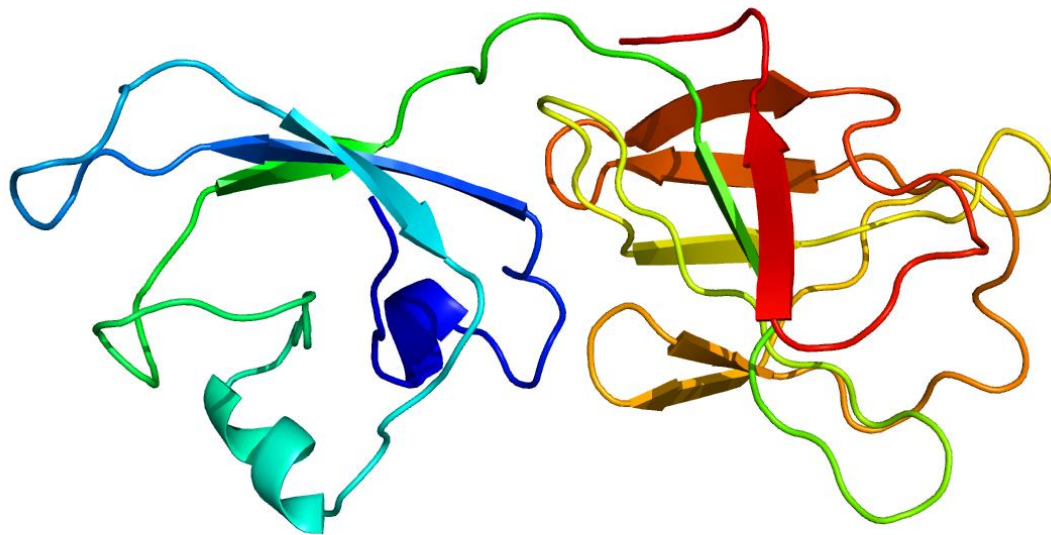
Locus: Carub.0004s2768

Gene Model: Carub.0004s2768.1.p

Description: CrEXPB-02

Family: Beta Expansin

3D structure:



GENOME DATABASES

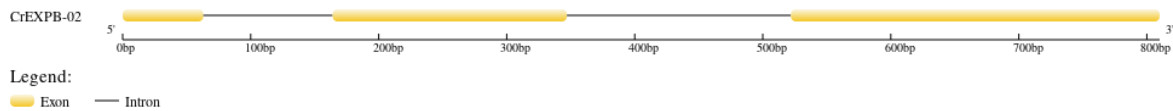
Phytozome: https://phytozome-next.jgi.doe.gov/info/Crubella_v1_1

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

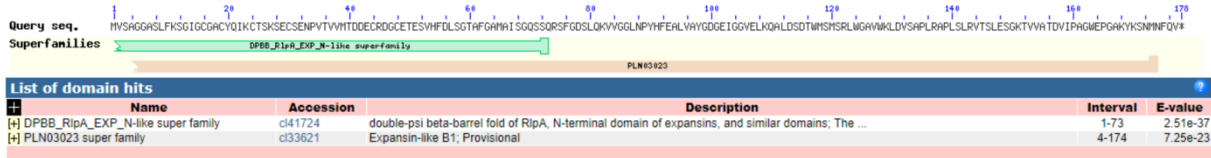
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CrEXPB-02

MVSAGGASLFLKSGIGCGACYQIKCTSKSECESENPVTVVMTDDECRDGCETESVHFDL
SGTAFGAMAISSGQSSQRSFGDSLQKVVGGLNPYHFEALVAYGDGEIGGVELKQALDS
DTWMSMSRLWGA VWKLDVSAPLRAPLSLRVTSLESKTVVATDVIPAGWEPGAKY
KSNMNFQV*

CDS (coding sequence)

>CrEXPB-02

ATGGTATCAGCCGGAGGTGCTTCGTTGTTTAAGTCAGGGATAGGATGTGGCGCAT
GTTACCAGATAAAAATGTA CTTTCGAAATCGGAGTGCTCAGAAAATCCGGTTACGGT
AGTGATGACAGACGACGAATGTCGTGATGGATGCGAGACAGAATCCGGTCCATTT
CGATCTGAGTGGTACAGCGTTTGGTGCCATGGCCATTTCTGGTCAAAGTAGTCAG
CGGAGTTTTGGAGATTCTTTACAGAAAGTGGTTGGAGGGTTAAACCCTTACCACT
TCGAGGCTTTGGTTGCGTATGGAGACGGCGAAATTGGTGGAGTCAACTCAAACA
AGCTCTAGATTCTGACACGTGGATGTCTATGAGCCGTTTATGGGGGGCCGTGTGG
AAGCTAGACGTGTCGGCACCTTTGAGGGCACCGCTGTCTCTCCGAGTGACTTCGC
TGGAGTCTGGCAAGACTGTTGTGGCTACCGATGTCATTCCGGCCGGCTGGGAACC
CGGTGCGAAGTACAAATCCAATATGAACTTTCAAGTGTAG

Nucleotide

>CrEXPB-02

ATGGTATCAGCCGGAGGTGCTTCGTTGTTTAAGTCAGGGATAGGATGTGGCGCAT
GTTACCAGGTTACTAATTACACTTAATCAAGCAGAAGAGATTTAAAAATTAGTGA
AAGATTAGCTTATACATACTGATATATGTGTACTACTGATGTGTTTACGTATAGAT
AAAATGTA CTTTCGAAATCGGAGTGCTCAGAAAATCCGGTTACGGTAGTGATGACA
GACGACGAATGTCGTGATGGATGCGAGACAGAATCCGGTCCATTTTCGATCTGAGTG
GTACAGCGTTTGGTGCCATGGCCATTTCTGGTCAAAGTAGTCAGCGGAGTTTTGG
AGATTCTTTACAGAAAGTATGTATATAACTTATATAAGGATTTACATTAACACA
TTATATACTTTTTTTTTTTAATGACAACAAAGGATAAAGATATTGAGATGATAT
TGATAGTTTTTTTCGTTGTGTTCCATTGATGTGTGTGTAGAGTTGAGTGCAACTAT
TTTGGGGAACGATGACGTTTCAGGTGGTTGGAGGGTTAAACCCTTACCACTTCG

AGGCTTTGGTTGCGTATGGAGACGGCGAAATTGGTGGAGTCGAACTCAAACAAG
CTCTAGATTCTGACACGTGGATGTCTATGAGCCGTTTATGGGGGGCCGTGTGGAA
GCTAGACGTGTCGGCACCTTTGAGGGCACCGCTGTCTCTCCGAGTGACTTCGCTG
GAGTCTGGCAAGACTGTTGTGGCTACCGATGTCATTCCGGCCGGCTGGGAACCCG
GTGCGAAGTACAAATCCAATATGAACTTTCAAGTGTAG