

IDENTIFICATION

Species: *Capsella rubella*

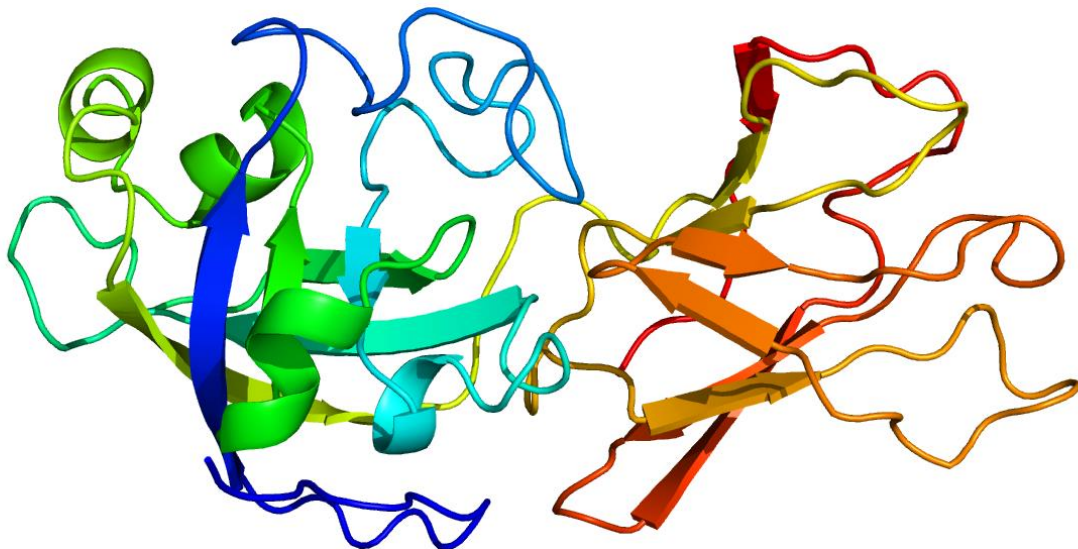
Locus: Carub.0004s2769

Gene Model: Carub.0004s2769.1.p

Description: CrEXPB-03

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>

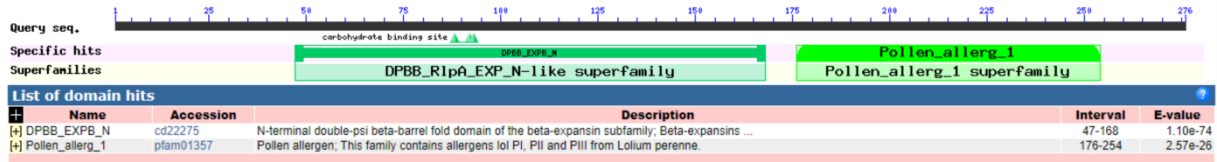
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CrEXPB-03

MAILVVERGYMIVNLLFALTCLLLNLTHCFSPKRLNVSAVVSASDSWSIAGATWYGN
PNGYGSDGGACGYGTAVAEPFNSNMVSAGGASLFKSGKGCACGYQIKCSSKSECSK
KPVTVVITDECPGCVTESVHFDLSGTAFGAMASGQGSQLRGAGVLEILYRKVECNVI
GKTVTFKVDDGSNANYFAALVEYEDGDGEIGRVELKQALDSDKWMSMSHLWGAV
WKLDVSSPLRAPLSLRVTSLDSGETVVATDVIPADWQPGAKYKSNVNFQV*

CDS (coding sequence)

>CrEXPB-03

ATGGCAATTCTTGTTGTAGAACGAGGTTACATGATCGTGAACCTACTCTTTGCTCT
AACTTGTCTTCTCTTAAACTTAACTCATTGCTTTAGCCCCAAGAGACTCAACGTTT
CAGCCGTCTCAGCCAGCGATTCTGATTGGTCTATCGCCGGAGCTACGTGGTATGG
CAACCCCAACGGATACGGAAGCGATGGTGGAGCTTGTGGTTATGGAACCTGCTGTA
GCAGAACCACCGTTTTTCGAACATGGTATCAGCCGGAGGTGCTTCGTTGTTCAAGT
CAGGGAAAGGATGTGGTGCATGTTACCAGATAAAATGCAGTTCGAAATCAGAGT
GTTCAAAAAGCCGGTTACGGTAGTGATTACAGACGAATGTCCTGGATGCGTTAC
AGAGTCGGTCCATTTTCGATTTGAGTGGTACAGCTTTTGGTGCCATGGCGATTTCTG
GTCAAGGTAGTCAGCTTCGCGGTGCCGGAGTTTTGGAGATTCTTTACAGAAAAGT
TGAGTGCAACTATATAGGCAAACGGTAACGTTTAAAGTGGATGACGGTTCAA
CGCTAACTACTTCGCGGCTTTGGTAGAGTATGAAGACGGAGACGGCGAAATTGGC
CGAGTCGAACTCAAACAAGCTTTAGATTCTGACAAGTGGATGTCTATGAGCCACT
TATGGGGCGCCGTGTGGAAGCTGGACGTGTCGTCGCCTTTGAGGGCACCCTGTC
TCTCCGAGTGACTTCGCTGGACTCCGGCGAGACTGTTGTGGCTACCGATGTCATTC
CGGCAGACTGGCAACCCGGCGCCAAGTACAAATCGAACGTGAACCTTTCAAGTGT
AG

Nucleotide

>CrEXPB-03

ATGGCAATTCTTGTTGTAGAACGAGGTTACATGATCGTGAACCTACTCTTTGCTCT
AACTTGTCTTCTCTTAAACTTAACTCATTGCTTTAGCCCCAAGAGACTCAACGTTT

CAGCCGTCTCAGCCAGCGATTCTGATTGGTCTATCGCCGGAGCTACGTGGTATGG
CAACCCCAACGGATACGGAAGCGATGGTATATACATGTGTTCTTTCGTCAATTAC
ACCTTAAACAAGCAACTAACTAGTATACAATTAATAATGACCAAAATATAATGA
TTCATCATGAACTAGGTGGAGCTTGTGGTTATGGAAGTGTGTAGCAGAACCACC
GTTTTCGAACATGGTATCAGCCGGAGGTGCTTCGTTGTTCAAGTCAGGGAAAGGA
TGTGGTGCATGTTACCAGGTTAGTAGGTTACTAACTGCAATTATAGTAAATTTAA
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CAGAAAGTATGTATCTAAGGATTTGACGTTAACAATTTTTTATATATATATATATT
TAATGATTACGAAGGTTATGAAATTAACCTGTTATTTTGGTTGATGTGTGATTGTA
GAGTTGAGTGCAACTATATAGGCCAAAACGGTAACGTTTAAAGTGGATGACGGTTC
AAACGCTAACTACTTCGCGGCTTTGGTAGAGTATGAAGACGGAGACGGCGAAAT
TGGCCGAGTCGAACTCAAACAAGCTTTAGATTCTGACAAGTGGATGTCTATGAGC
CACTTATGGGGCGCCGTGTGGAAGCTGGACGTGTTCGTCGCCTTTGAGGGCACCCG
TGTCTCTCCGAGTGACTTCGCTGGACTCCGGCGGAGACTGTTGTGGCTACCGATGTC
ATTCCGGCAGACTGGCAACCCGGCGCCAAGTACAAATCGAACGTGAACTTTCAA
GTGTAG