

IDENTIFICATION

Species: *Capsella rubella*

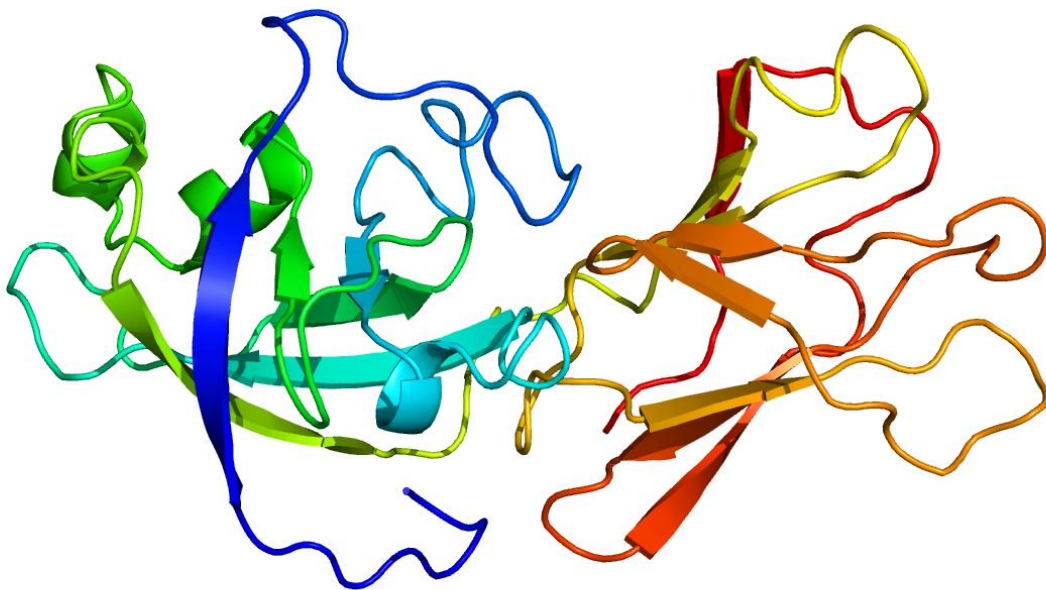
Locus: Carub.0005s1182

Gene Model: Carub.0005s1182.1.p

Description: CrEXLA-04

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

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

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

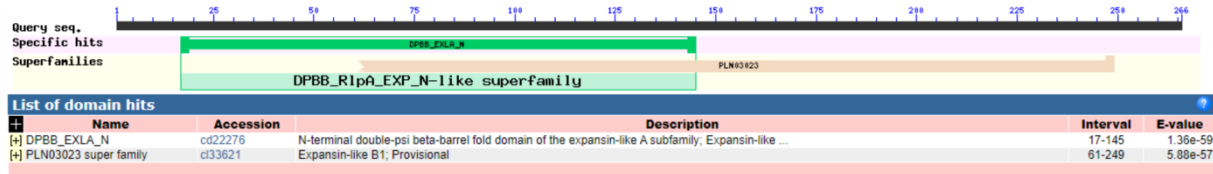
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CrEXLA-04

MGSFLNLIIVVIVFVSSSVNACDRCLHSSKASYFSSASALSSGACAYGSMATSFFAGHI
AAATPSIYKDGVGCACFQVRCKNQKLCSSKGTIVMVTDLNKNQTDLVLSSRAFR
AMAKPITGADRALLKQGIIDIDYQRVPCDYGNKNMNV RVEEASKKPNYLEIKLLNQG
GQTEVVAIDIAQVGSSRWGYMTRSHGAVWSTDKVPTGALQFRFIVTGGYDGKMIWS
QSVLPANWVAGKTYDAGVQITDIAQEGCDPCDAHIWK*

CDS (coding sequence)

>CrEXLA-04

ATGGGAAGCTTTCTCAACCTCATTGTAGTCATCGTCTTCGTCTTCTTTCATCTGTT
AACGCATGTGATCGATGTCTTACAGTTCTAAAGCATCTTACTTCTCCTCTGCTTC
AGCTCTCTTCTTGGAGCTTGTGCTTATGGCTCTATGGCTACGAGTTTCTTCGCCG
GACACATAGCTGCAGCTACACCTTCAATCTACAAAGACGGTGTGGCTGTGGAGC
TTGTTTCCAAGTCAGATGCAAGAACCAAAAGCTTTGTAGCAGTAAAGGAACCATT
GTAATGGTCACAGACTTAAACAAGAACAACCAACCGATCTTGTACTTAGCAGCA
GAGCTTTTAGAGCTATGGCTAAACCTATCACTGGTGCTGACAGAGCTCTTCTCAA
ACAAGGCATCATCGACATTGATTACCAAAGAGTACCTTGCGATTACGGGAACAA
GAACATGAACGTAAGAGTAGAAGAAGCAAGCAAAAAGCCAACTACTTAGAGAT
AAAGCTATTAACCAAGGAGGTCAAACAGAAGTAGTAGCCATAGACATTGCACA
AGTTGGTTCGTCACGTTGGGGTTACATGACAAGAAGCCACGGAGCTGTATGGTCT
ACTGATAAAGTACCAACCGGAGCTTTACAGTTCAGGTTTCATCGTCACAGGAGGCT
ACGACGGCAAAATGATTTGGTCGCAAAGTGTTCTTCCGGCTAATTGGGTAGCTGG
TAAACTTACGACGCCGGTGTACAGATCACAGACATTGCTCAAGAAGGTTGTGAC
CCTTGCGATGCTCACATCTGGAAGTAA

Nucleotide

>CrEXLA-04

CACTATTACATTTGTCCTCTCTTCTTCTCATCTAATTCACATATCTCTTCTTTG
ATCATTATTGTTTCTTTCAAGAACAAGAAACAAAAGATGGGAAGCTTTCTCAACC
TCATTGTAGTCATCGTCTTCGTCTTCTTTCATCTGTAAACGCATGTGATCGATGTC

TTCACAGTTCTAAAGCATCTTACTTCTCCTCTGCTTCAGCTCTCTCTTGTAAGCGAT
TCATTCTCATCTCTTTACTATCTGTTTTGTTTCTTTTTCTGATGTTTTGTTTTATGG
GTTGCAGCTGGAGCTTGTGCTTATGGCTCTATGGCTACGAGTTTCTTCGCCGGACA
CATAGCTGCAGCTACACCTTCAATCTACAAAGACGGTGTGGCTGTGGAGCTTGT
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AAGGCATCATCGACATTGATTACCAAAGGTTTAACTCTTTAAAAACCTTAAAC
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GTAGTAGCCATAGACATTGCACAAGTTGGTTCGTCACGTTGGGGTTACATGACAA
GAAGCCACGGAGCTGTATGGTCTACTGATAAAGTACCAACCGGAGCTTTACAGTT
CAGGTTTCATCGTCACAGGAGGCTACGACGGCAAATGATTTGGTCGCAAAGTGTT
CTTCCGGCTAATTGGGTAGCTGGTAAAACCTTACGACGCCGGTGTACAGATCACAG
ACATTGCTCAAGAAGGTTGTGACCCTTGCGATGCTCACATCTGGAAGTAATAAAC
TCAATCCAAATTCTTTAGGTACACAACATAATCTTTATAGATTCATATATATGT
AATGTGTAACAGAAGAACAAGAATATAACATTGTGCTAAGAAAAAGCAAATC
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