

IDENTIFICATION

Species: *Capsella rubella*

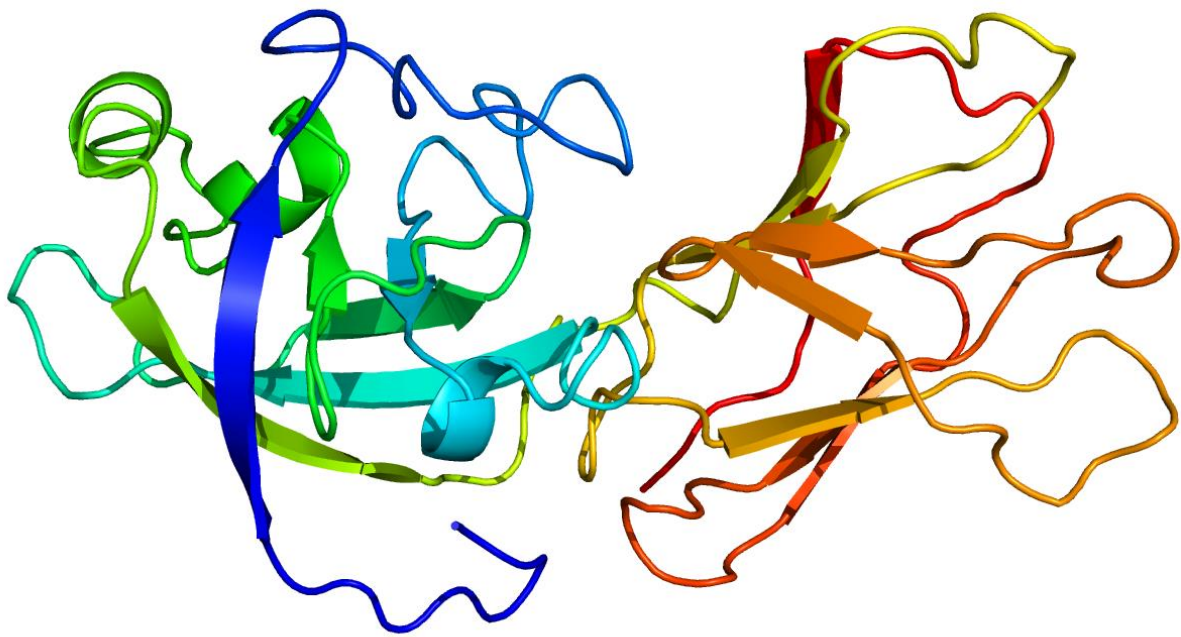
Locus: Carub.0007s0029

Gene Model: Carub.0007s0029.1.p

Description: CrEXLA-05

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

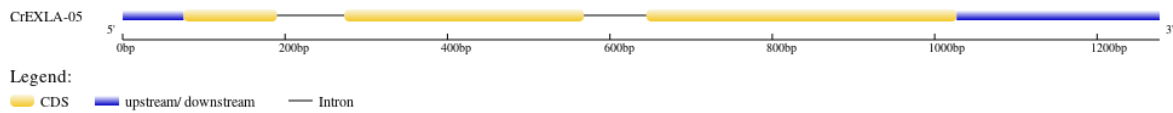
Phytozome: https://phytozome-next.jgi.doe.gov/info/Crubella_v1_1

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

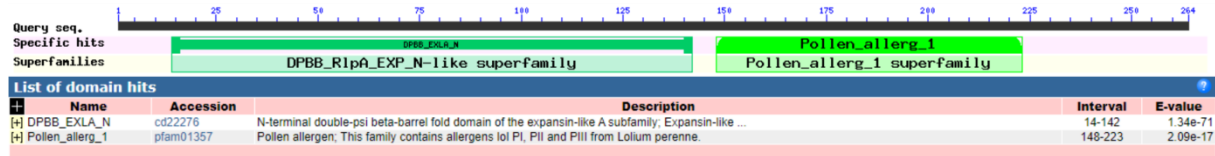
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CrEXLA-05

MGGILFLIFFLLSSSSDACDRCLHHSKASFFSSAPALSSGACAYGSLATSFFAGHIAAAL
PSIYKDGAGCGACFQVRCKNPALCSSKGTTVIVTDLSTNRTDLVLSTRAFRAMAKP
VLGADRDLKQGIVDIEYQRPVPCDYGNKKMNV RVEESSKNPNYLAIKLLYQGGQTE
VVAIDIAQVGSSHWSYMSRSHGAVWVAAKVPAGALQKFVVTAGYDGKMWVSQR
VVLPA SWVAGKTYDAGVQITDIAQEGCDPCDDHIWT*

CDS (coding sequence)

>CrEXLA-05

ATGGGAGGCATTCTCTTCCTCATCTTCTTCCTCCTCCTCATCTTCAGACGCCTGC
GACCGATGTCTTCACTCTAAGGCATCTTTTTTCTCCTCTGCCCTGCTCTCTCT
TCCGGAGCTTGTGCCTATGGCTCTTTGGCTACTAGTTTCTTTGCCGGCCACATTGC
GGCGGCACTTCTTCCATCTACAAAGACGGCGCCGGCTGCGGAGCTTGCTTCCAG
GTCAGATGCAAGAACCCCGCTCTTTCAGCAGCAAAGGAACCACCGTGATCGTCA
CAGACCTCAGCAACACCAACCGAACCGATCTTGTCTCAGCACCAGGGCCTTCAG
GGCAATGGCTAAGCCCGTTCTTGGCGCCGACAGAGATCTTCTCAAACAAGGTATT
GTCGACATTGAATACCAGAGAGTTCTTGGCGATTACGGGAACAAGAAGATGAAC
GTGAGAGTGGAAGAGTCAAGCAAAAATCCAACTACTTGGCCATAAAGCTGTTG
TACCAAGGAGGCCAAACCGAAGTGGTTGCCATCGACATTGCTCAAGTAGGTTTCGT
CACATTGGAGTTACATGAGCAGAAGCCACGGAGCAGTGTGGGTTGCTGCCAAAG
TACCCGCCGGAGCTCTGCAGTTCAAGTTCGTGGTGACGGCAGGCTACGACGGCAA
AATGGTTTGGTTCGACGGGTGGTTCTTCCGGCCAGCTGGGTAGCTGGGAAGACC
TATGACGCCGGCGTTCAGATCACCGACATTGCTCAGGAAGGTTGTGATCCATGTG
ACGATCACATCTGGACCTGA

Nucleotide

>CrEXLA-05

CAACTCATTACTCTCTCATCAGTCTTATACTTGTATTGCTTCAATCTCTCTCGAGAC
ACAAAATAAACAAAGAAAATGGGAGGCATTCTCTTCCTCATCTTCTTCCTCCTCTC
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CCTCTGCCCTGCTCTCTTGTAAACCATTCTTCTTCACTTCTTTCTTTTT

TTTCTCTTTCTTTTCAACTTTTAACTTGTTTCTTTCTCCTCATTTCAGCCGGAGCTTGTC
CCTATGGCTCTTTGGCTACTAGTTTCTTTGCCGGCCACATTGCGGGCGGCACTTCCT
TCCATCTACAAAGACGGCGCCGGCTGCGGAGCTTGCTTCCAGGTCAGATGCAAGA
ACCCCGCTCTTTGCAGCAGCAAAGGAACCACCGTGATCGTCACAGACCTCAGCAA
CACCAACCGAACCGATCTTGTCTCAGCACCAGGGCCTTCAGGGCAATGGCTAAG
CCCGTTCTTGGCGCCGACAGAGATCTTCTCAAACAAGGTATTGTGACATTGAAT
ACCAGAGGTTTCGTGATTCCCTAACTTTCTTGCTTCACTTTAACTAGTAACTTGTA
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AGATGAACGTGAGAGTGGAAGAGTCAAGCAAAAATCCAAACTACTTGGCCATAA
AGCTGTTGTACCAAGGAGGCCAAACCGAAGTGGTTGCCATCGACATTGCTCAAGT
AGGTTTCGTACATTGGAGTTACATGAGCAGAAGCCACGGAGCAGTGTGGGTTGCT
GCCAAAGTACCCGCCGGAGCTCTGCAGTTCAAGTTCGTGGTGACGGCAGGCTACG
ACGGCAAAATGGTTTGGTTCGCAGCGGGTGGTTCTTCCGGCCAGCTGGGTAGCTGG
GAAGACCTATGACGCCGGCGTTCAGATCACCGACATTGCTCAGGAAGGTTGTGAT
CCATGTGACGATCACATCTGGACCTGACTTACTACTCCAGGCGACCAAGACCTCT
TAATTAATTGGGAGGAAGAACCAACAGGAATGCGTAATCGCAAGATTCTTGTGTA
ACAGACTTGTTTATTAAGTGAAGGAAGAACCAACAGGAATTCTATTATAAAGAC
AAGACTTAAACAAGAAAGCTAAGAAATAAAAATATATAAGGGAGTATGTGTGTA
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