

IDENTIFICATION

Species: *Citrus clementina*

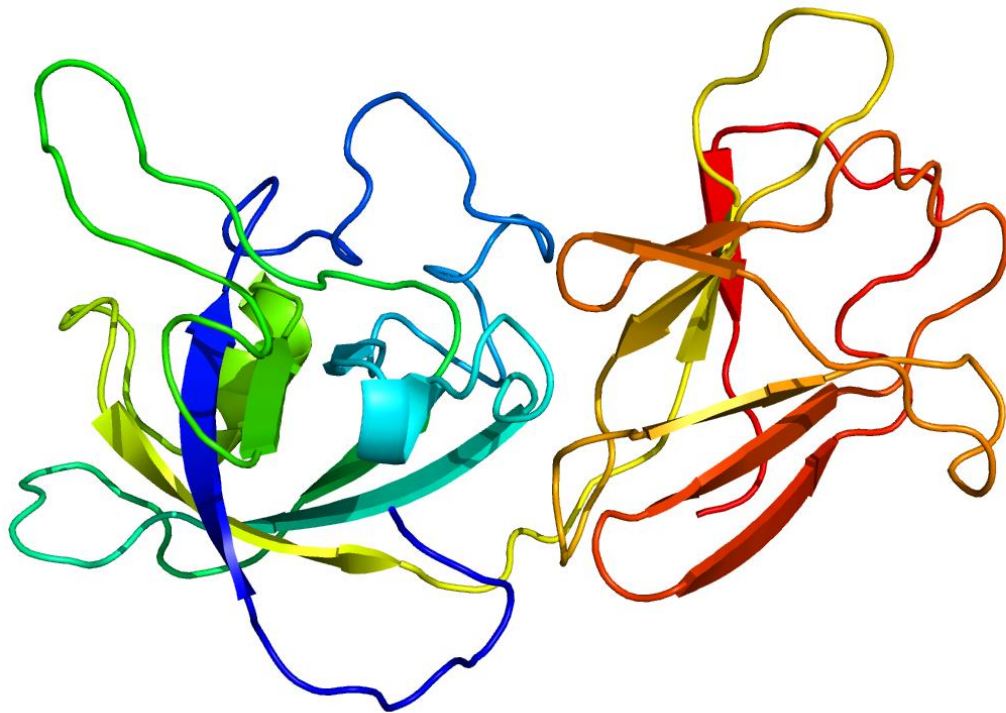
Locus: Ciclev10021897

Gene Model: Ciclev10021897m

Description: CclEXPA-04

Family: Alpha Expansin

3D structure:



GENOME DATABASES

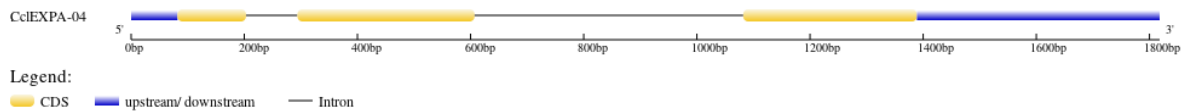
Phytozome: https://phytozome-next.jgi.doe.gov/info/Cclementina_v1_0

KEGG: <https://www.genome.jp/entry/T02982>

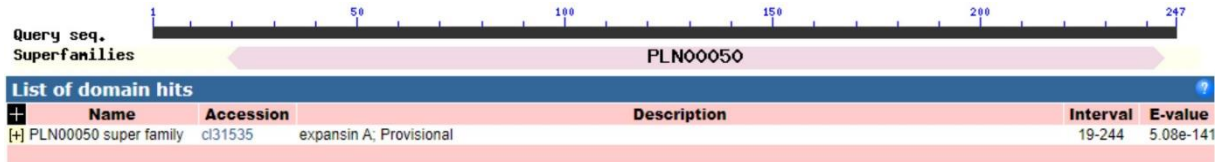
EXTERNAL RESOURCES

<https://www.citrusgenomedb.org/organism/Citrus/clementina>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CclEXPA-04

MAFLGLLLLGILSLVSSVYGQGWTDAHATFYGGGDASGTMGGACGYGNLYSEGYG
TNTAALSTALFNNGMSCGACFEIKCVNDPRWCRPGSIFVTATNFCPPNNALPNNAGG
WCNPPQQHFDLSQPVFEQIAQYKAGIVPVS YRRVPCSRKGGIRFTINGHSYFNLVLITN
VGGAGDVRAVSIKGSRTDWQPMsrNWGQNWQSNsYLNQsLSFKVTTSDGHTVVS
NNVAPAGWSFGQTFSGLQVP*

CDS (coding sequence)

>CclEXPA-04

ATGGCATTCTTGGGCTGCTGTTGTTGGGGATTCTTTCTTTAGTCTCATCTGTTTAT
GGCCAGGGATGGACTGATGCTCATGCCACTTTTTATGGTGGGGGTGATGCCTCTG
GTACAATGGGTGGCGCTTGTGGGTATGGAACTTATACAGCGAGGGATATGGGA
CAAACACAGCAGCTCTGAGCACTGCGCTTTTCAACAATGGCATGAGCTGTGGGGC
TTGTTTTGAGATCAAGTGTGTTAATGACCCAAGATGGTGCCGTCCGGGCTCCATTT
TTGTTACTGCCACAAATTTTTGCCCTCCAAATAATGCTCTCCCAACAATGCCGGT
GGCTGGTGCAATCCTCCCCAGCAACATTTTGACCTCTCTCAGCCTGTGTTTGAACA
AATTGCTCAGTACAAAGCTGGGATAGTACCTGTGTCTTACAGAAGGGTTCCATGC
AGTAGGAAGGGAGGCATCAGATTCACGATCAACGGCCATTCTTACTTCAACTTAG
TCCTAATCACAAACGTCGGAGGCGCTGGTGATGTGCGTGCTGTTTCAATCAAAGG
GTCAAGAAGTGAATGGCAACCCATGTCAAGGAACTGGGGTCAAACCTGGCAAAG
TAACAGTTACCTCAATGGCCAAAGCCTCTCATTTAAGGTCACCACAAGTGATGGC
CACACTGTTGTCTTAACAATGTTGCCCCAGCTGGCTGGTCCTTTGGCCAAACCTT
CAGTGGCCTGCAAGTTCCTGA

Nucleotide

>CclEXPA-04

CGCCTTCCATTTCCATCACTCACAGCAAGAACCTCTCTTTCTCTCTTAAAAAAGA
TACGCAAGCAAAGGGTTTCAGGAACATGGCATTCTTGGGGCTGCTGTTGTTGGG
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