

IDENTIFICATION

Species: *Citrus clementina*

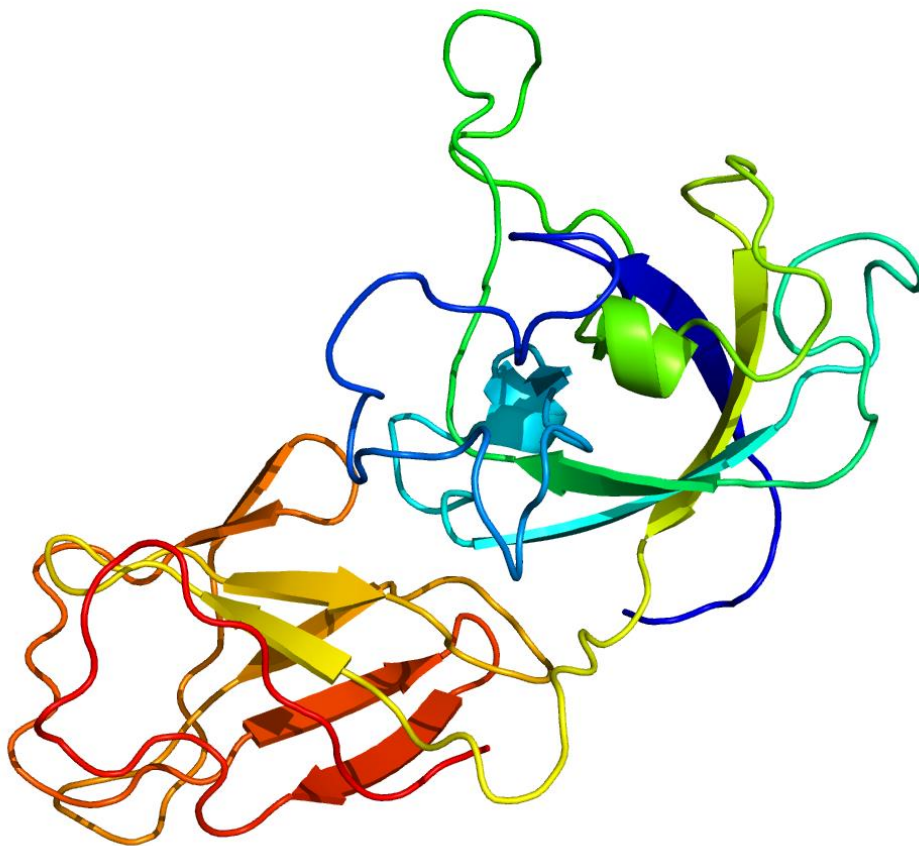
Locus: Ciclev10032484

Gene Model: Ciclev10032484m

Description: CclEXPA-07

Family: Alpha Expansin

3D structure:



GENOME DATABASES

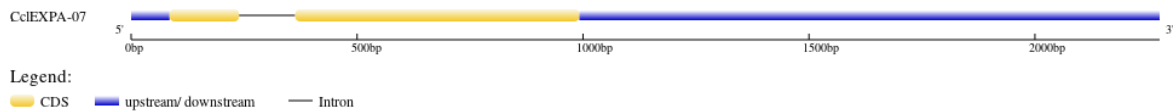
Phytozome: https://phytozome-next.jgi.doe.gov/info/Cclementina_v1_0

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

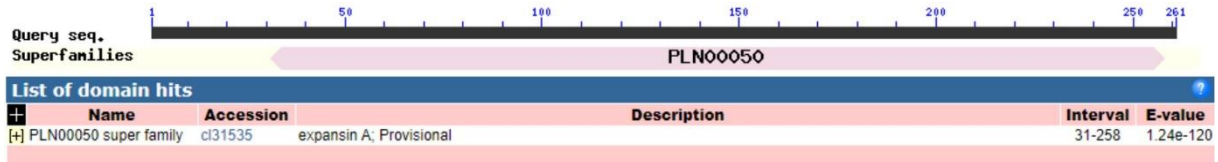
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CclEXPA-07

MGVAVGIICIVTFVTFSSLSVDARIPGVYGGGEAWQSAHATFYGGNDASGTMGGACG
YGNLYSQGYGVNTAALSTALFNGLSCGACFEIKCANDPQWCHAGSPSIFVTATNFC
PPNFAQPSDNGGWCNPPRPHFDLAMPMLKMAEYRAGIVPVS YRRVPCRKRGGIRFT
INGFRYFNLVLITNVAGAGDIVKASVKGSRTGWMSLSRNWQNWQSN SVLVGQSLS
FRVTGSDRRTSTSWNIVPANWQFGQTFTGKNFRV*

CDS (coding sequence)

>CclEXPA-07

ATGGGTGTCGCTGTGGGCATCATTGTATTGTGACTTTTGTTACATTTTCCTCCCTT
AGTGTTGATGCGAGAATCCCCGGCGTTTACGGTGGCGAGGCATGGCAAAGCGCTC
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GTACGGCAATCTCTACAGTCAAGGATACGGCGTTAACACGGCAGCGCTAAGCAC
AGCACTGTTCAACAACGGGTTGAGCTGCGGTGCGTGTTTTGAGATTAAGTGTGCG
AATGACCCTCAATGGTGCCACGCTGGGAGCCCTTCAATCTTCGTCACTGCCACCA
ACTTTTGCCCTCCGAATTTGCTCAACCCAGCGACAATGGGGGGTGGTGCAACCC
TCCTCGCCCTCACTTCGATCTCGCCATGCCATGTTCCCTCAAGATGGCCGAATACC
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CATCAGGTTCAACATCAACGGTTTCCGTTACTTCAACTTGGTCTTGATCACCAACG
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GGTCAGTCTCTCAGCTTCAGGGTCACTGGCAGTGACCGCCGTA CTCCACTTCTTG
GAACATTGTCCCTGCTAATTGGCAATTTGGTCAAACCTTCACCGGAAAGAATTC
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Nucleotide

>CclEXPA-07

CTGTCACCCACAACACCAAGTCTTAATTTTGT TTTTCTTGGGGGAGCATCTTATTC
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