

## IDENTIFICATION

**Species:** *Citrus clementina*

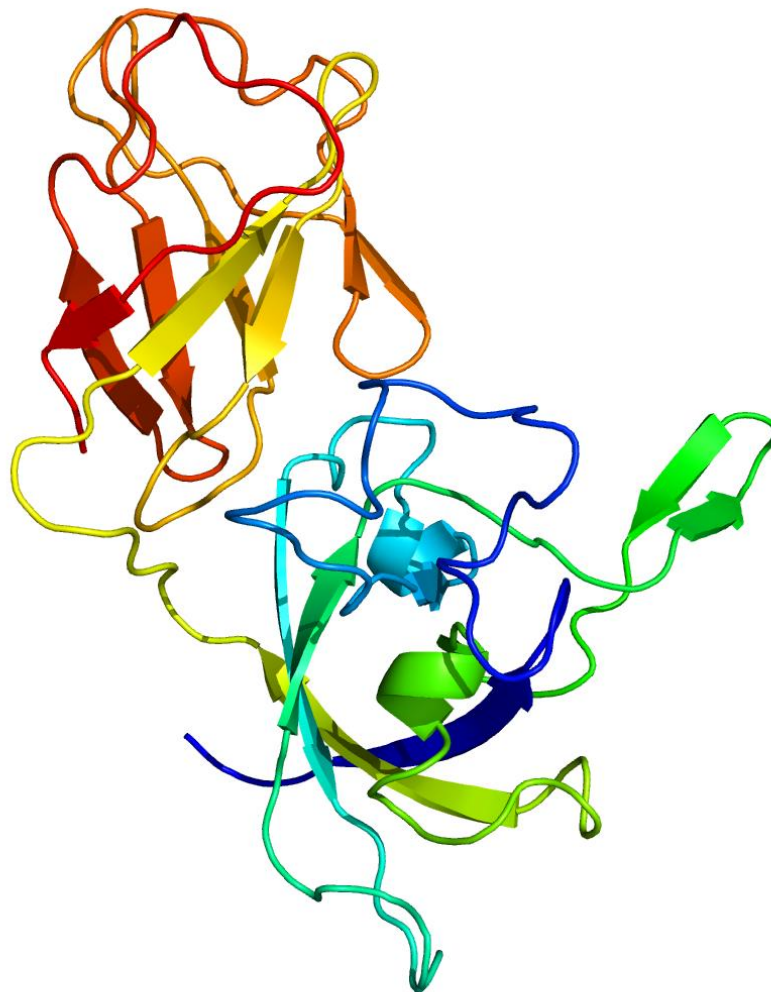
**Locus:** Ciclev10013804

**Gene Model:** Ciclev10013804m

**Description:** CclEXPA-14

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

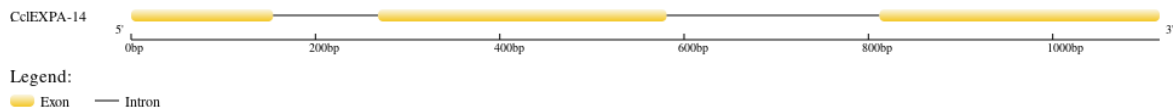
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Cclementina\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Cclementina_v1_0)

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

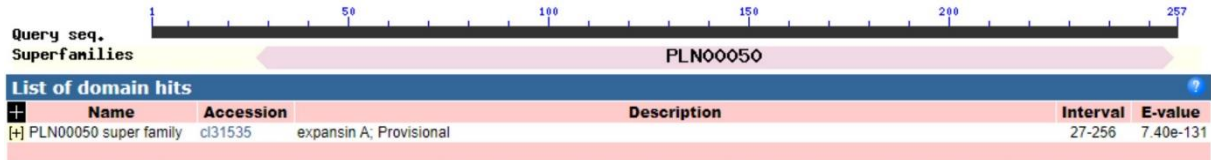
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>CclEXPA-14

MATKANAMKNFLFLVLFFFISIFVHAINGDYGGWQIAHATFYGGSDASGTMGGACG  
YGNLYSQGYGTNTAALSTALFNGLSCGACYEIRCANDPQWCLPGTITVTATNFCPP  
NYALSNDNGGWCNPPLQHFDLAQPSFLHIAQYRAGIVPVLFRRAPCVKKGIRFTING  
HSYFNLVLITNVGGAGDVKAVFIKGSKTGWQAMSRNWGQNWQSNLYLDGQSLSK  
VTTSDGRITTSYNNVVPANWKFGQTFEGSQL\*

### CDS (coding sequence)

>CclEXPA-14

ATGGCCACTAAAGCTAATGCCATGAAAACTTTCTATTTCTTGTTTTGTTCTTTTTT  
ATCAGCATTTTTGTTACGCTATAAATGGGGACTACGGTGGCTGGCAAATTGCAC  
ATGCCACATTTTATGGTGGCAGTGATGCCTCTGGCACAATGGGGGGAGCTTGTGG  
GTATGGAACTTGTACAGCCAGGTTATGGCACAAACACAGCAGCTCTAAGCAC  
GGCTCTGTTCAACAATGGCTTGAGCTGCGGTGCATGCTATGAGATACGTTGCGCC  
AATGATCCACAATGGTGCCTCCCTGGCACCATCACTGTGACTGCCACCAACTTTT  
GCCCTCCTAATTATGCTTTGTCTAATGACAATGGCGGCTGGTGAATCCCCCTCTT  
CAACATTTTGATTTGGCCCAGCCTTCTTTCTTGACATTGCACAATATCGAGCTGG  
AATCGTCCCCGTCTCTTCAGAAGGGCACCATGTGTGAAGAAAGGGGGCATAAG  
ATTCACCATCAATGGTCATTCATACTTTAACTTGGTTTTGATAACAAATGTGGGAG  
GTGCTGGCGATGTGAAGGCTGTGTTCAAGGGGTCAAAAACAGGGTGGCAAG  
CAATGTCCAGAAATTGGGGCCAAAATTGGCAGAGTAATTCTTACTTGGATGGCCA  
AAGCCTCTCCTTTAAAGTTACCACAAGTGACGGAAGAATAATTACCAGCTACAAT  
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### Nucleotide

>CclEXPA-14

ATGGCCACTAAAGCTAATGCCATGAAAACTTTCTATTTCTTGTTTTGTTCTTTTTT  
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ATGCCACATTTTATGGTGGCAGTGATGCCTCTGGCACAATGGGTGAGCTCTCATT  
GCATTTTCCATTTCTTTCCATAGCTAATAGGTATATATGTGTGTGCACTTAGTTAT  
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GTATGGAACTTGTACAGCCAGGGTTATGGCACAAACACAGCAGCTCTAAGCAC  
GGCTCTGTTCAACAATGGCTTGAGCTGCGGTGCATGCTATGAGATACGTTGCGCC  
AATGATCCACAATGGTGCCTCCCTGGCACCATCACTGTGACTGCCACCACTTTT  
GCCCTCCTAATTATGCTTTGTCTAATGACAATGGCGGCTGGTGCAATCCCCCTCTT  
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AGCTGTCAGAACGAGTCCTTCAGGTAAAACCTAGACTTGATATTGTTCAAGTCTTT  
CTATTATGATTTGAAACTAATGCTTGCAATCCAAGCAAGCACCCCAATTTCTTAA  
ACATCGCTAAAAATCAGTGTCTGTCGTCGTCATCATCATCGTCATCATTATTATTAT  
TATTGTTCTTTAAATTTTTGGTTTTGTGATGCAGGGCACCATGTGTGAAGAAAGGG  
GGCATAAGATTCACCATCAATGGTCATTCATACTTTAACTTGGTTTTGATAACAAA  
TGTGGGAGGTGCTGGCGATGTGAAGGCTGTGTTTCATCAAGGGGTCAAAAACAGG  
GTGGCAAGCAATGTCCAGAAATTGGGGCCAAAATTGGCAGAGTAATTCTTACTTG  
GATGGCCAAAGCCTCTCCTTTAAAGTTACCACAAGTGACGGAAGAACTATTACCA  
GCTACAATGTTGTGCCTGCGAATTGGAAGTTTGGGCAGACTTTTGAAGGAAGTCA  
ATTATAG