

IDENTIFICATION

Species: *Citrus clementina*

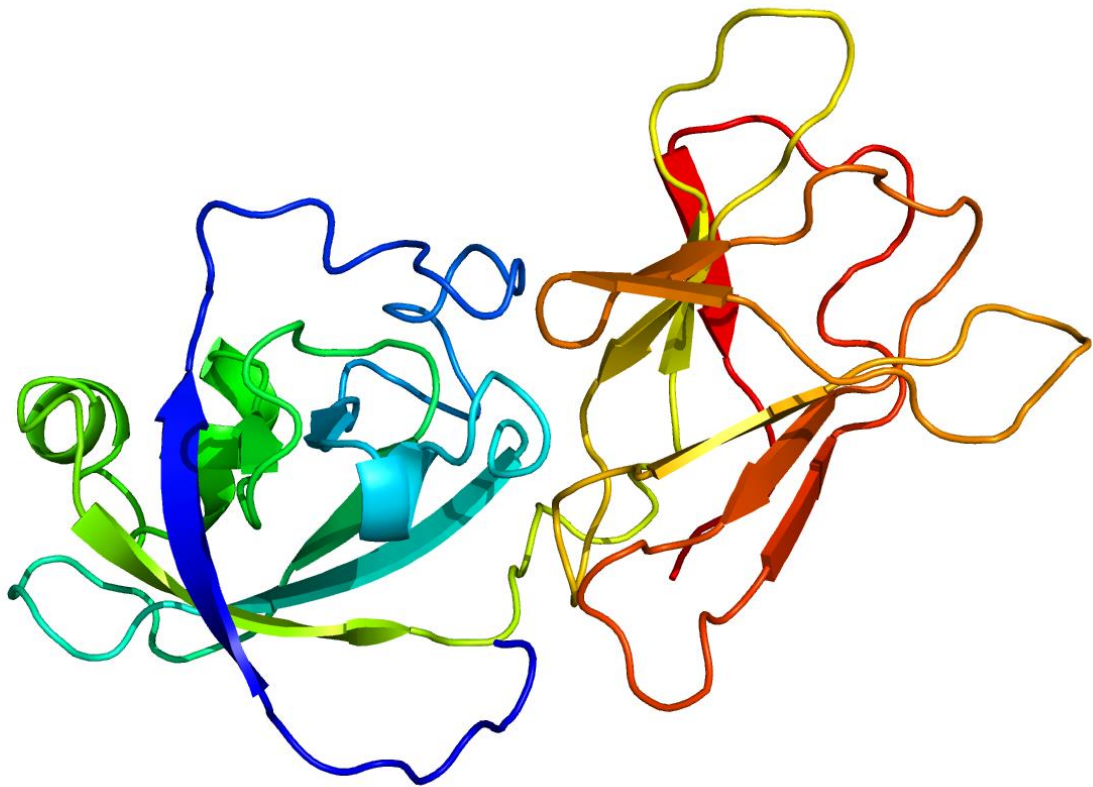
Locus: Ciclev10029088

Gene Model: Ciclev10029088m

Description: CclEXLA-01

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

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

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

EXTERNAL RESOURCES

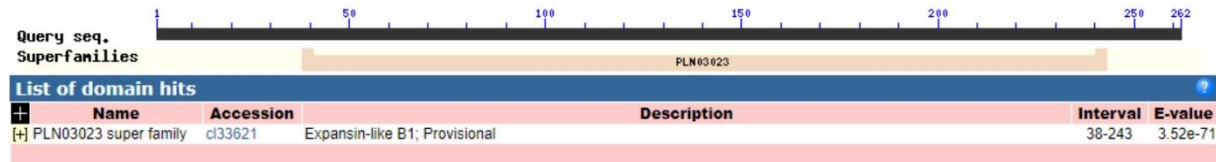
<https://www.citrusgenomedb.org/organism/Citrus/clementina>

GENE STRUCTURE



Legend:
Exon

DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CclEXLA-01

MVLFLCFLFFLFSSATACDRCVHQTKVAYFSQASALSSGACGYGSLALSFNNGHLAA
GVPSLYKDGAGCGACFQMRCKNPTLCSGKGTRVILTDLNHSNQTDFVISSRAFMALS
NQGKGQDILKLGVDVEYKRVPCEYKNQNLAVRVEESSQKPNYLAVKVLVYQGGQT
EMVAMDVAQVGSSNWGYMSRNYGAVWDTSRVPNGALQFRFVVTSGYDGKWIWA
KNVLPADWKPGMIYNSGVQITDIAKEGCSESECGDGSWK*

CDS (coding sequence)

>CclEXLA-01

ATGGTTTTGTTTCTTTGCTTTCTCTTCTTTCTCTTCTTCTGCTACTGCTTGTGATC
GCTGTGTGCACCAAACCAAGTTGCTTATTTCTCCCAAGCCTCTGCACTTTCATCC
GGGGCATGTGGATATGGTTCATTAGCATTAAAGCTTCAATGGTGGACACCTTGCTG
CTGGTGTTCCTTCCCTTTACAAAGATGGAGCTGGTTGTGGTGCATGCTTTCAAATG
AGATGCAAGAACCCAACCTCTGTGTAGCGGCAAAGGAACCAGAGTGATTCTGACT
GATCTCAATCACAGCAACCAAACAGATTTTGTATCAGCAGCAGAGCTTTCATGG
CCTTATCCAACCAGGGCAAGGGCCAAGACATTTTAAAACCTTGGAGTTGTCGATGT
AGAATACAAAAGGGTTCCATGTGAATATAAAAACCAGAACTTGGCTGTGCGTGT
GGAAGAATCAAGTCAAAAACCAAATTATTTAGCAGTTAAAGTGTTGTATCAGGGT
GGTCAAACAGAAATGGTAGCAATGGATGTAGCTCAGGTTGGTTCTTCAAACCTGGG
GTTACATGAGCAGAAATTATGGGGCAGTTTGGGATACAAGTAGAGTGCCAAATG
GGGCATTGCAGTTCAGATTTGTGGTAACATCAGGCTATGATGGCAAGTGGATTTG
GGCAAAAAATGTTCTTCCAGCTGATTGGAAACCTGGAATGATTTACAACCTCTGGA
GTTCAGATCACTGATATTGCCAAAGAGGGATGCTCCGAATCTGAATGTGGTGATG
GAAGCTGGAAATGA

Nucleotide

>CclEXLA-01

ATGGTTTTGTTTCTTTGCTTTCTCTTCTTTCTCTTCTTCTGCTACTGCTTGTGATC
GCTGTGTGCACCAAACCAAGTTGCTTATTTCTCCCAAGCCTCTGCACTTTCATCC
GGGGCATGTGGATATGGTTCATTAGCATTAAAGCTTCAATGGTGGACACCTTGCTG
CTGGTGTTCCTTCCCTTTACAAAGATGGAGCTGGTTGTGGTGCATGCTTTCAAATG

AGATGCAAGAACCCAACTCTGTGTAGCGGCAAAGGAACCAGAGTGATTCTGACT
GATCTCAATCACAGCAACCAAACAGATTTTGTATCAGCAGCAGAGCTTTCATGG
CCTTATCCAACCAGGGCAAGGGCCAAGACATTTTAAAACCTTGGAGTTGTTCGATGT
AGAATACAAAAGGGTCCATGTGAATATAAAAACCAGAACTTGGCTGTGCGTGT
GGAAGAATCAAGTCAAAAACCAAATTATTTAGCAGTTAAAGTGTTGTATCAGGGT
GGTCAAACAGAAATGGTAGCAATGGATGTAGCTCAGGTTGGTTCTTCAAACCTGGG
GTTACATGAGCAGAAATTATGGGGCAGTTTGGGATACAAGTAGAGTGCCAAATG
GGGCATTGCAGTTCAGATTTGTGGTAACATCAGGCTATGATGGCAAGTGGATTTG
GGCAAAAATGTTCTTCCAGCTGATTGGAAACCTGGAATGATTTACAACCTCTGGA
GTTCAGATCACTGATATTGCCAAAGAGGGATGCTCCGAATCTGAATGTGGTGATG
GAAGCTGGAAATGA