

IDENTIFICATION

Species: *Citrus clementina*

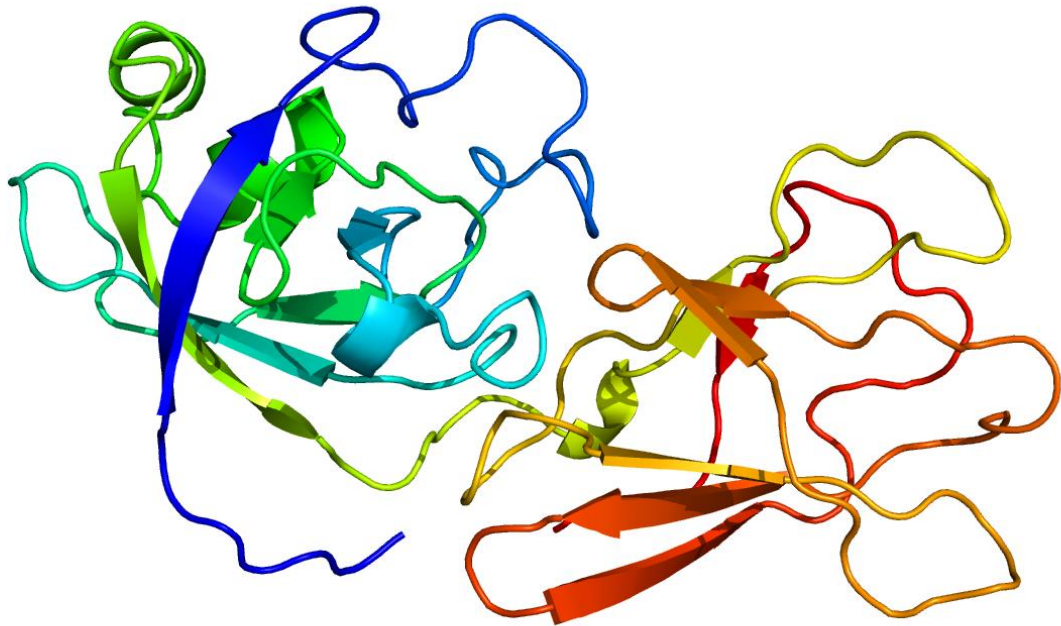
Locus: Ciclev10024410

Gene Model: Ciclev10024410m

Description: CclEXLB-02

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

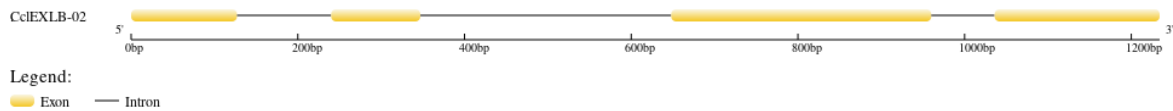
Phytozome: https://phytozome-next.jgi.doe.gov/info/Cclementina_v1_0

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

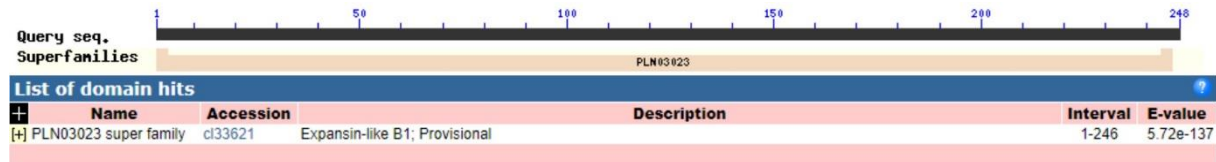
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CclEXLB-02

MGLCQYYLLSAVLLLPA LCSYQFTFTSSRATFYGSADGLGTPAGACGFGEYGKTVND
ANVAGVSSLWTNGTACGACYQVRCNVPEVCTDYGVYVVVTDYGEEYDTEFILSPRA
YGRMALTDKSEELYTFGVIDVEFLRVPCRFRGYNVMFKVHENS KYPQYLA VSM L YV
GGQNDVLA VEIWQEDCKEWMAMRRAFGAVFDIFNPPPGAINLRMQVSGSAGLRWV
VANNAIPKVWKAGVAYGSAIQLA*

CDS (coding sequence)

>CclEXLB-02

ATGGGGTTATGTCAATACTACCTTCTTTCCGCCGTGCTGCTTTTGCCTGCATTGTG
TTACTCTCAGTTCACATTCACAAGTTCTAGAGCTACATTCTATGGTAGCGCCGATG
GCTTGGGGACACCAGCTGGTGCTTGCGGGTTTGGTGAATATGGAAAACTGTAAA
TGATGCTAACGTGGCCGGTGTGTGCGAGCCTTTGGACTAATGGAAGTCTTGTGGA
GCTTGCTATCAGGTCAGATGCAATGTACCAGAAGTTTGCACAGATTATGGGGTGT
ACGTGGTGGTACTGACTATGGTGAAGAATACGACACAGAATTCATCCTCAGCCC
ACGCGCATATGGAAGAATGGCACTTACAGATAAGTCAGAAGAGCTTTATACTTTT
GGTGTCA TCGATGTTGAATTCCTGAGAGTCCCTTGCCGGTTCAGAGGCTACAACG
TCATGTTCAAGGTCCATGAAAACAGCAAGTACCCACAGTACTTGGCCGTATCCAT
GCTGTACGTAGGTGGCCAAAATGACGTCCTAGCAGTTGAAATATGGCAGGAGGA
TTGTAAAGAATGGATGGCGATGAGAAGGGCTTTCGGTGCAGATTTGACATCTTC
AATCCACCACCAGGAGCAATTAATTTGAGGATGCAAGTGAGTGGCAGCGCAGGG
CTCAGATGGGTTGTGGCAAACAATGCTATTCCCAAAGTATGGAAAGCTGGAGTTG
CTTATGGATCAGCAATTCAACTTGCATAA

Nucleotide

>CclEXLB-02

ATGGGGTTATGTCAATACTACCTTCTTTCCGCCGTGCTGCTTTTGCCTGCATTGTG
TTACTCTCAGTTCACATTCACAAGTTCTAGAGCTACATTCTATGGTAGCGCCGATG
GCTTGGGGACACCAGGTATGTA AAAAGTCCCACCTTTATAAAGCTATGTACATTAT
GCTTTAGAGAAGTTTTCTTTTGGTATTTGTTTATCTTTTAGATTA ACTAATGTTTCAT
GTTGATGATTCATCAGCTGGTGCTTGCGGGTTTGGTGAATATGGAAAACTGTAA

ATGATGCTAACGTGGCCGGTGTGTGTCGAGCCTTTGGACTAATGGAACTGCTTGTGG
AGCTTGCTATCAGGTAATGATTATTAACCTTCAACCCACTCAATCATTGCAGTTTA
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CTTATGCATGCGTGAAAGGAACTTGAAAACCTTTATTTATTTAAATTGTATTGTTA
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ATTCAACATCGTCAACAATTTTATTACCACTAGTAATTCTTTTGGTTTTGTACCAT
CAATTAATAATGGTTAGTTAATTAATTAACTACAGGTCAGATGCAATGTACCAGA
AGTTTGCACAGATTATGGGGTGTACGTGGTGGTGACTGACTATGGTGAAGAATAC
GACACAGAATTCATCCTCAGCCCACGCGCATATGGAAGAATGGCACTTACAGATA
AGTCAGAAGAGCTTTATACTTTTGGTGTTCATCGATGTTGAATTCCTGAGAGTCCCT
TGCCGGTTCAGAGGCTACAACGTCATGTTCAAGGTCCATGAAAACAGCAAGTACC
CACAGTACTTGGCCGTATCCATGCTGTACGTAGGTGGCCAAAATGACGTCCTAGC
AGTTGAAATATGGCAGGTAATTACTTACAAATTAACTTCTAAACAATTGATTTTTG
GCCCCGTCCATCGCATGTAATGCTTTTGTGGTGCAGGAGGATTGTAAAGAATGGA
TGCGCATGAGAAGGGCTTTCGGTGCAGTATTTGACATCTTCAATCCACCACCAGG
AGCAATTAATTTGAGGATGCAAGTGAGTGGCAGCGCAGGGCTCAGATGGGTTGT
GGCAAACAATGCTATCCCAAAGTATGGAAAGCTGGAGTTGCTTATGGATCAGCA
ATTCAACTTGCATAA