

IDENTIFICATION

Species: *Citrus clementina*

Locus: Ciclev10024449

Gene Model: Ciclev10024449m

Description: CclEXLB-01

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

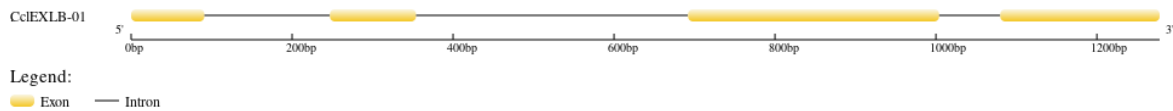
Phytozome: https://phytozome-next.jgi.doe.gov/info/Cclementina_v1_0

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

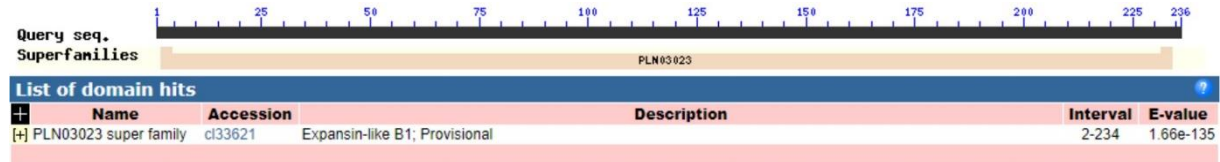
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CclEXLB-01

LLLPAYCYSQFTFTSSRASFYGSPDGLGTPSGACGFGTYGKTVNDANVAGVSSLWNN
GTACGTCYQVRCNVPDVCTDYGVFVVVTDYGEEDDTDFVLSPRAYGRMALADKSE
ELYTFGVVDVEFLRVPICRFRGYNVFMFKVHENSRYKPYLA VATLYVGGQNDVLA VE
MWQEDCKEWMPMKRAFGAVFDIFYPPPMPNLRQVSGSAGLTWVVANNAIPKIW
KAGVAYESAIQLA*

CDS (coding sequence)

>CclEXLB-01

CTGCTTTTGCCTGCATATTGTTACTCTCAGTTCACATTCACAAGTTCTAGAGCTTC
ATTCTATGGTAGCCCTGACGGCTTGGGGACACCATCTGGTGCTTGCGGGTTTGGT
ACATATGGAAAACTGTAAATGATGCTAACGTGGCCGGTGTGTCTGAGCCTTTGGA
ATAATGGAAGTCTTGTGGAAGTCTGCTATCAGGTCAGATGCAATGTACCCGACGT
TTGCACAGATTATGGGGTGTTCGTGGTGGTGACCGACTATGGTGAAGGAGACGAC
ACAGACTTCGTCTCAGCCACGCGCATATGGAAGAATGGCACTTGCAGATAAGT
CAGAAGAGCTTTATACTTTTGGTGTCTGCGACGTTGAATTCCTGAGGGTCCCTTGC
CGGTTTACAGAGGCTACAACGTCATGTTCAAGGTCCATGAAAACAGCAAGTACCCAC
AGTACTTGGCCGTAGCCACGCTGTATGTAGGTGGCCAAAATGACGTCCTAGCAGT
TGAAATGTGGCAGGAGGATTGTAAGAATGGATGCCGATGAAAAGGGCTTTTCGG
TGCAGTATTTGACATCTTTTATCCACCACCAGGACCAATGAATTTGAGGTTTCAAG
TGAGTGGCAGCGCGGGGCTCACATGGGTTGTGGCAAACAATGCTATTCCAAAAT
ATGGAAGGCTGGAGTTGCTTATGAGTCAGCAATTCAGCTTGCATAA

Nucleotide

>CclEXLB-01

CTGCTTTTGCCTGCATATTGTTACTCTCAGTTCACATTCACAAGTTCTAGAGCTTC
ATTCTATGGTAGCCCTGACGGCTTGGGGACACCATGTATGTA AAAATCTCACCTT
TTTAAAGCTATGTGCATTAAACTCGTGCACAAGTTGACGCGAACGAATCGTTCAT
TTCATTATGCTTTAGAGAAGTTTTGTTTTAGTATTTGTTTTATCTTTTAGATTA ACTA
ATGTTTATGTCGATGATTCATCAGCTGGTGTCTTGC GGTTTGGTACATATGGAAA
AACTGTAAATGATGCTAACGTGGCCGGTGTGTCTGAGCCTTTGGAATAATGGAAGT

GCTTGTGGAACCTTGCTATCAGGTAAGTATTAACTTTCAACCCACTCAATCATT
GTTGTTTATTGTAAAGCTATATAATAAATGTGTAAAGTGAACGAATTGCTAAGAC
GGCTAAGGCTGTGCATGAAAGGAACTTGAAAACCTTTATTTATTTAAATTGTATTG
TTTATATATATATATATATATATATATATATATATATATATATATATATATATA
TATAAGTAGTTTCATGCATATTCTTCATAAGACTGCTTAAATCATTTACACAACATC
GTCAACAATTTTATTACCACTAGTAATTCCTTTTGGTTTTGTAAACATCAATTAATAA
TGGTTAGTTAATTAATTAACTACAGGTCAGATGCAATGTACCCGACGTTTGCACA
GATTATGGGGTGTTCGTGGTGGTGACCGACTATGGTGAAGGAGACGACACAGAC
TTCGTCCTCAGCCCACGCGCATATGGAAGAATGGCACTTGCAGATAAGTCAGAAG
AGCTTTATACTTTTGGTGTTCGTCGACGTTGAATTCCTGAGGGTCCCTTGCCGGTTC
AGAGGCTACAACGTCATGTTCAAGGTCCATGAAAACAGCAAGTACCCACAGTAC
TTGGCCGTAGCCACGCTGTATGTAGGTGGCCAAAATGACGTCCTAGCAGTTGAAA
TGTGGCAGGTAATTACTTACAAATTAACTTCTAAACAATTGATTTTTGGCCCGTCC
ATCGCATGTAATGCTTTTGTGGTGCAGGAGGATTGTAAAGAATGGATGCCGATG
AAAAGGGCTTTCGGTGCAGTATTTGACATCTTTTATCCACCACCAGGACCAATGA
ATTTGAGGTTTCAAGTGAGTGGCAGCGCGGGGCTCACATGGGTTGTGGCAAACAA
TGCTATTCCAAAAATATGGAAGGCTGGAGTTGCTTATGAGTCAGCAATTCAGCTT
GCATAA