

IDENTIFICATION

Species: *Citrus clementina*

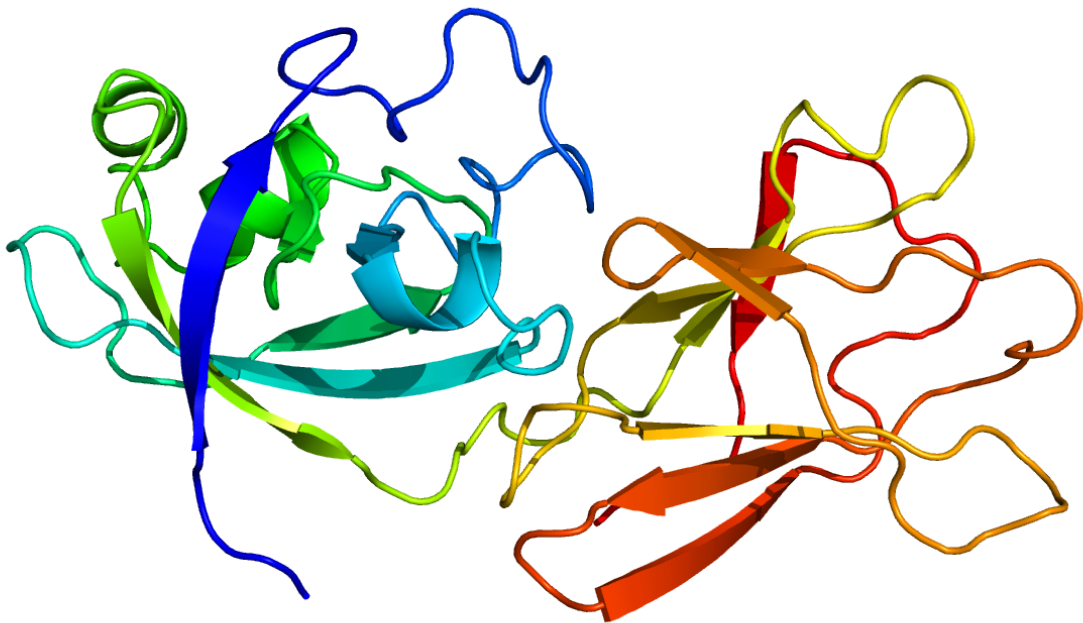
Locus: Ciclev10002142

Gene Model: Ciclev10002142m

Description: CclEXLB-05

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

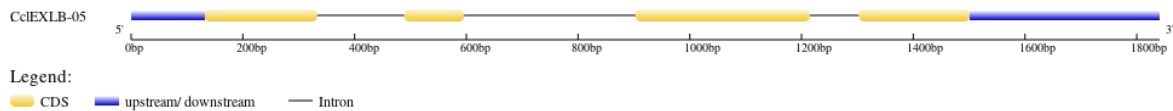
Phytozome: https://phytozome-next.jgi.doe.gov/info/Cclementina_v1_0

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

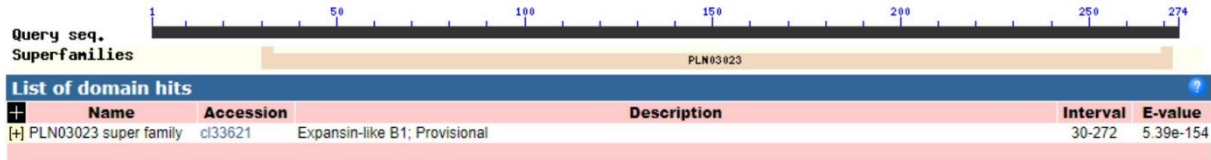
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CclEXLB-05

MGNPSHNLFLFLLRIANKDFHILQMGLYQYYLLSVMLLLPALCYSHYTSTYSRAT
YYGSPDSLGTPTGACGFGEYGRTVNDANVAGVSRLWKNGTGCGACYQVRCKVPQL
CTDYGVYVVVTDYGEKDTDFILSPRAYGRMALPDKSAELYSYGVVNVFRRVPCW
YKGYNLQFKVHENSRYPHYLAAILYVAGQNDVLAVEIWQEDYQEWVAMRRAFGA
VFDISSPPEGAI SLRFQVSGSAGLTWVVANNAIPSDWKAGVAYESEIQLK*

CDS (coding sequence)

>CclEXLB-05

ATGGGCAACCCATCTCATAACTTGTTATTATTCCTCTTCCTCCTTCGTATTGCTAAC
AAAGATTTCCATATTTTGCAAATGGGGTTATATCAATACTACCTTCTTTCCGTCAT
GCTGCTTTTGCCTGCATTGTGTTACTCTCATTACACATCCACATATTCTAGAGCTA
CATACTATGGTAGCCCTGATAGTTTAGGGACACCAACTGGTGCTTGCGGGTTTGG
TGAATATGGAAGAACTGTAAATGATGCTAACGTGGCCGGTGTGTTCGAGGCTTTGG
AAAAATGGAAGTGGTTGTGGAGCTTGCTATCAAGTCAGGTGCAAGGTACCACAA
CTTTGCACAGATTATGGGGTGTACGTGGTGGTGAAGTACTGACTACGGTGAAGGAGACA
AAACAGACTTCATCCTCAGCCCGCGGCATATGGAAGAATGGCACTTCCAGATAA
GTCAGCAGAGCTCTATTCTTATGGTGTGGTCAACGTTGAATTCCGGAGAGTCCCTT
GCTGGTACAAAGGCTACAACCTTCAGTTCAAGGTCCATGAAAACAGCAGGTACCC
ACATTACTTGGCCATAGCCATTCTGTACGTAGCTGGCCAAAATGATGTCCTAGCA
GTTGAAATATGGCAGGAGGATTATCAAGAATGGGTGGCAATGAGAAGGGCTTTC
GGTGCAGTATTTGACATCTCTAGTCCACCAGAAGGAGCAATTAGTTTGAGGTTTC
AAGTGAGTGGCAGCGCGGGGCTCACATGGGTTGTGGCAAACAATGCTATTCCCTAG
CGATTGGAAGGCTGGCGTTGCTTATGAGTCAGAAATTCAGCTTAAATAA

Nucleotide

>CclEXLB-05

ATGGGGTCTACATTTACACATCATCAATCTAATCCAACCTCTCTAGTCCCAAAGG
AAGAAAAGAGGTGGCAATTTCCCCTTAGCAGCAGCCCTCAAGGCCTCTACTATAA
ATATGGCCATTAACATTTGTTAGCAACCCATCTCATAACTTGTTATTATTCCTCTT
CCTCCTTCGTATTGCTAACAAAGATTTCCATATTTTGCAAATGGGGTTATATCAAT

ACTACCTTCTTTCCGTCATGCTGCTTTTGCCTGCATTGTGTTACTCTCATTACACAT
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GGACAAATATTGCTAAGAGTGCTAAGGCTGTGCGTGAATGGAAATTGAAAAGT
GATTTACTACAACATTAACGTTTATATATAAAAAGCTAGTTGCATGCATAGTCTCC
ATAAACCTGCTTAAATCGTTTGAATTCAACATTTTCAACAATTTTATTGCCACTA
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CCCAGCGCATATGGAAGAATGGCACTTCCAGATAAGTCAGCAGAGCTCTATTCT
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ATTACTTACAAATAAAGTATCAAATTAAGTCTAAACAAGTATTTTTGGCCCGTC
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AAGAATATATATATATATATATATAGGAACAAGTCTCCATTACTGGTTCCTGGT
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CCCCTGCCTCCTTAATACTTAAGTGTGCTAAATAAATAGTGGGATTGTGTACTT
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CTTTAAGATAA