

IDENTIFICATION

Species: *Citrus clementina*

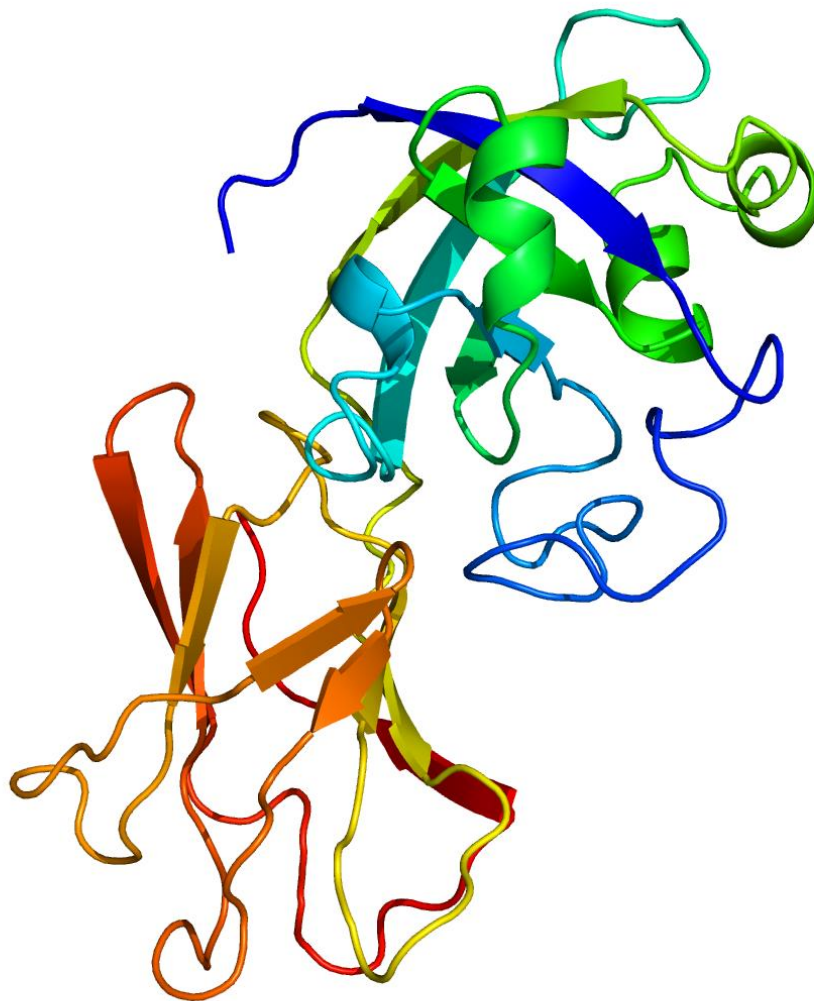
Locus: Ciclev10005627

Gene Model: Ciclev10005627m

Description: CclEXPB-04

Family: Beta Expansin

3D structure:



GENOME DATABASES

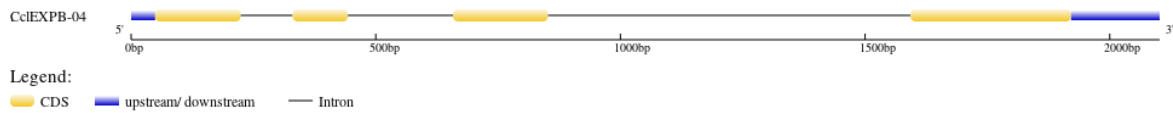
Phytozome: https://phytozome-next.jgi.doe.gov/info/Cclementina_v1_0

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

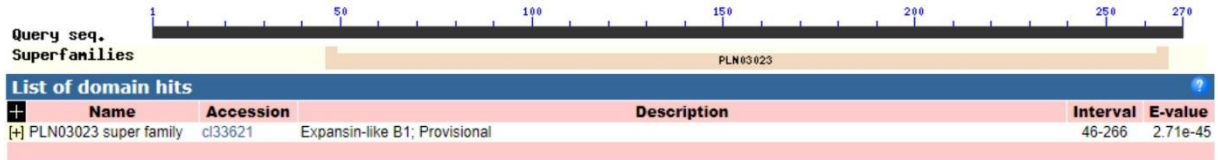
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CclEXPB-04

MATRSSVLSLSFFLAFLCYLELCSCFYPKHLNLSAVGTHWSTAGATWYGSPDGAGS
DGGACGYGNAVVSQSPFSSFVTAIGPSLYKSGKECGACYQVKCTRHPACSGKAVRVVI
TDFCPGGPCVSESAHFDSLGTAFGAMAIPGQEEKLRDAGVLEVRYARVACDYSGRNI
AFHVDQGSNPNYLAVVVEFEDGDGDLAGVDVKEGSGEWRAMQQSWGATWKLNA
GSELHPPLSLRLTSQYSGQTLVANNVIPQGWMPGATYRSLVNYNV*

CDS (coding sequence)

>CclEXPB-04

ATGGCTACTAGAAGTAGTGTTAGCTTGTCCCTTTCATTTTTCTAGCTTTTCTTTGCT
TACTTGGAGCTTTGCTCTTGCTTTTACCCCAAACATCTCAACTTGTGACCCGTGGG
AACCCACTGGTCGACCGCCGGAGCCACCTGGTATGGCAGCCCTGACGGTGCCGG
AAGTGACGGAGGTGCTTGTGGGTATGGCAATGCAGTGTACAAAGCCCTTTCTCT
TCTTTTGTGACCGCCATAGGTCCAAGCCTTTATAAATCCGGCAAGGAATGCGGTG
CTTGCTATCAGGTCAAGTGCACAAGGCATCCAGCATGTTGAGGCAAAGCAGTTCG
AGTTGTGATAACAGATTTTTGTCCCGGCGGTCCATGTGTGTCGGAATCTGCACATT
TCGACCTCAGCGGAACAGCTTTCGGTGCCATGGCCATCCCCGGCCAAGAAGAGA
AGCTTCGCGATGCCGGAGTTTTGGAAGTCCGATATGCACGGGTTGCTTGTGATTA
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GCCGTGGTGGTTGAGTTCGAAGATGGAGACGGTGACCTAGCCGGCGTTCGATGTG
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AGTATTCAGGCCAAACCCTGGTGGCCAACAATGTGATTCCTCAAGGATGGATGCC
CGGAGCTACATATAGATCCTTGGTTAATTATAATGTCTAG

Nucleotide

>CclEXPB-04

ATCACAAATCAGAAATACTAATAATAATAAGTGTTAAAGTGTTGTGGTAATGGCT
ACTAGAAGTAGTGTTAGCTTGTCCCTTTCATTTTTCTAGCTTTTCTTTGCTACTTG
GAGCTTTGCTCTTGCTTTTACCCCAAACATCTCAACTTGTGACCCGTGGGAACCCA
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TCGGTGCCATGGCCATCCCCGGCCAAGAAGAGAAGCTTCGCGATGCCGGAGTTTT
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CATCTGGCTATGATTGTGACCTTTATATATAATTGTGACTTATGAAATGAAA