

IDENTIFICATION

Species: *Cicer arietinum*

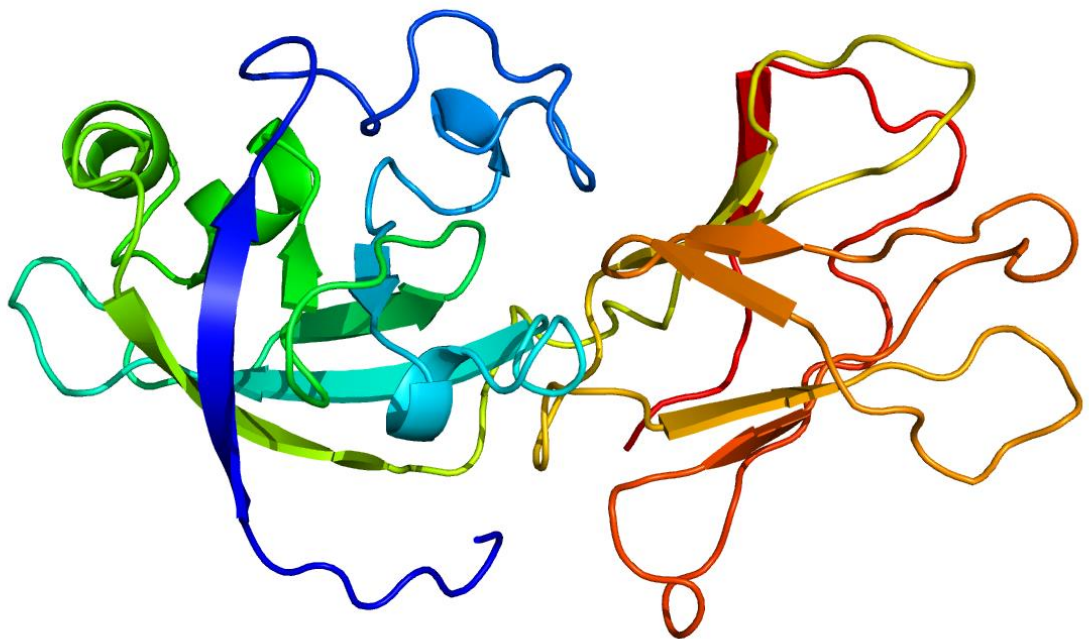
Locus: Ca_12821

Gene Model: Ca_12821

Description: CarEXLB-01

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Carietinum_v1_0

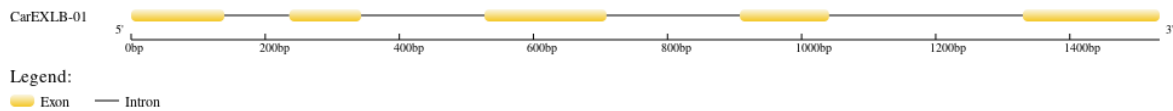
KEGG: <https://www.genome.jp/entry/T02819>

EXTERNAL RESOURCES

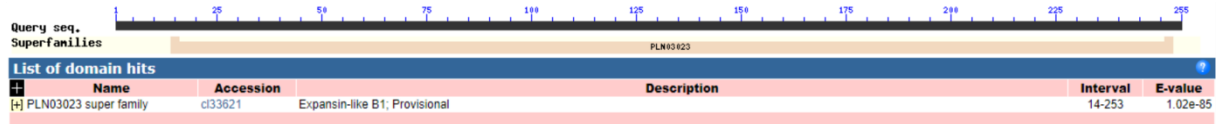
https://www.pulsedb.org/bio_data/80

<http://www.cicer.info/databases.php>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CarEXLB-01

MALSLLYLVLLATFLFMQTLADTSCTDCFVQSRASYYPNSDENGTDAGACGFGSFGA
TINGGDVSAASNLYRDGVGCGACYQVRCANSVYCSSNGVTIVLTDQGSNDNTDFILS
QRAFGGMAQTKDAAASLLALGVVNIERYRVSCSYPNKNITIKIDESSNPHYLAFVL
WYQQGKRITAVQLCETQNFVCKLLDRDHGAVWTTTSPPSGPLSLRMLFSTEDGED
TWVVPVNNIPEDWKAGDTYDAGVQVDQ*

CDS (coding sequence)

>CarEXLB-01

ATGGCACTCTCTCTTTTGTATCTTGTTCTCCTTGCCACCTTCCTTTTCATGCAGACT
CTAGCAGATACTTCATGCACCGATTGTTTTGTTCAATCTCGTGCATCATATTACCC
AAATTCTGACGAAAATGGCACAGATGCTGGTGCATGTGGATTCGGTTCCTTTGGT
GCTACCATTAATGGTGGGGATGTATCGGCTGCATCTAATCTTTATCGAGATGGAG
TTGGCTGTGGCGCTTGTTACCAGGTGAGGTGTGCCAACAGCGTTTATTGCTCAAG
CAACGGTGTCACTATAGTTTTAACTGACCAAGGCTCAGGTGATAACACTGACTTC
ATTCTTAGCCAACGAGCCTTTGGTGGGATGGCTCAGACCAAGGATGCAGCTGCTT
CTCTATTAGCTCTTGGTGTAGTCAATATTGAATACAGACGTGTTTCATGTAGCTAC
CCAAATAAAAACATTACTATTAAGATTGATGAAAGCAGCAGCAACCCTCATTACT
TGGCTTTTGTCTATGGTATCAGCAAGGAAAGAGAGACATAACTGCTGTGCAGCT
CTGCGAGACTCAGAACTTTGTCTGCAAGTACTGGATCGGGATCACGGTGCAGTC
TGGACAACTACCTCTCCACCGAGTGGACCTTTGTCTTTAAGGATGTTGTTTAGTAC
TGAAGATGGAGAAGATACATGGGTTGTTCCGGTTAACAACATACCAGAAGACTG
GAAGGCTGGAGACACATATGACGCAGGGGTACAAGTAGACCAGTAG

Nucleotide

>CarEXLB-01

ATGGCACTCTCTCTTTTGTATCTTGTTCTCCTTGCCACCTTCCTTTTCATGCAGACT
CTAGCAGATACTTCATGCACCGATTGTTTTGTTCAATCTCGTGCATCATATTACCC
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TGTTACCAGGTGATAACACACCTATACATATATTACACTTTAACACACTTAAACA
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CACACAGTTTCATGCATGCATCAACTTTTGCTGTGAAGGAGAGTCTTGAATGATG
CAACATTTATTATCGTATGATTA AAAAGCCACAATTTGAGTCATGGAATTGTCCTT
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CTCGTCGATATCTCCAGTGTTCATGTAGCTACCCAAATAAAAACACTACTATTA
GATTGATGAAAGCAGCAGCAACCCTCATTACTTGGCTTTTGTCCCTATGGTATCAG
CAAGGAAAGAGAGACATAACTGCTGTGCAGCTCTGCGAGGTACTATATACTTCCCT
TGTACCGTGAAAAGTTGTAATTTTTGTCTAATCTTTAAGTTGAATCTGAATAAACT
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