

## IDENTIFICATION

**Species:** *Phaseolus vulgaris*

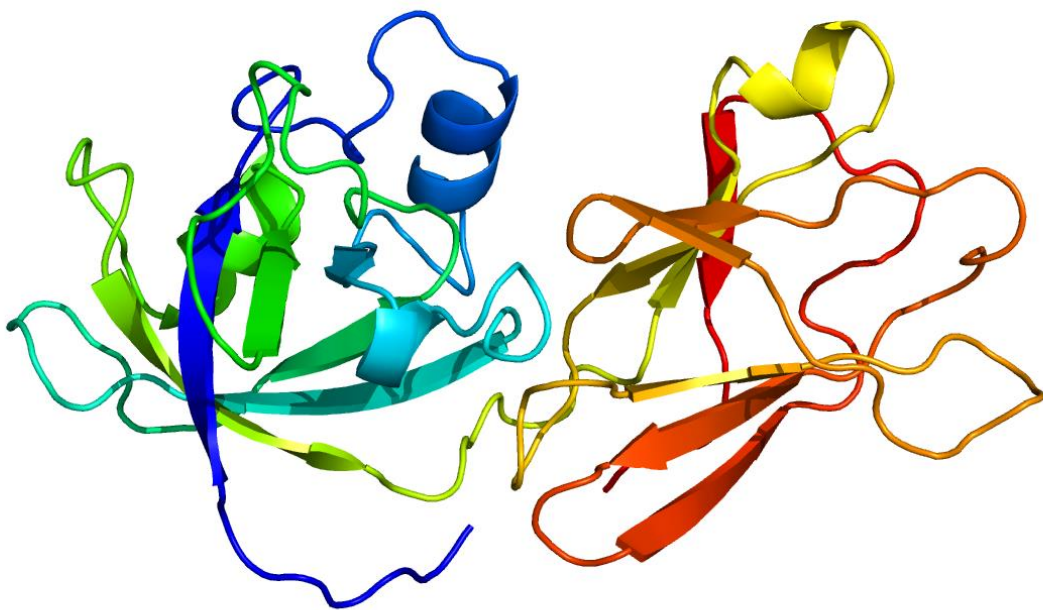
**Locus:** Phvul.002G001700

**Gene Model:** Phvul.002G001700.1.p

**Description:** PvEXLB-01

**Family:** Expansin Like Beta

**3D structure:**



## GENOME DATABASES

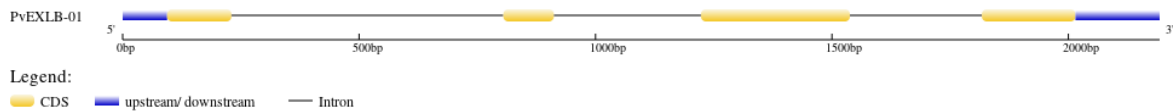
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Pvulgaris\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/Pvulgaris_v2_1)

KEGG: <https://www.genome.jp/entry/gn:T03093>

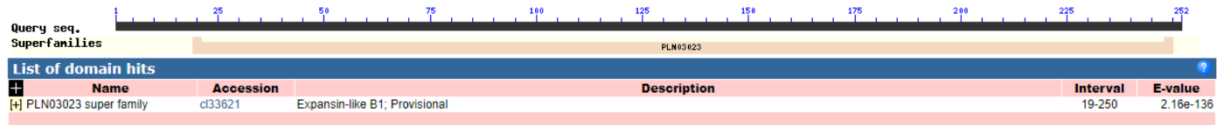
## EXTERNAL RESOURCES

<https://www.pulsedb.org/organism/636>

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>PvEXLB-01

MELNFKHQLGLLCVTL LLPALCTSQDSFTCSRATYYGSADCYGNPRGACGFGEYGKT  
VNDGSVAGVSWLWKNGSGCGACYQVRCKIPQFCDENGA YVVVTDY GEGDRTDFIM  
SPRGYSKLGRNTYASAELFKYGVVDVEYRRVPCRYGGYNLLVKVHEHSRNPHYLAI  
LILYIGGTHDITAVELWQEECQEWRRMRRAFGTVFDAENPPRGDIKLRFQLSGNAEQ  
YWVQSKNVISGNWEGGAVYDSEIQLG\*

### CDS (coding sequence)

>PvEXLB-01

ATGGA ACTTAATTTTAAGCACCAACTTGGCCTGCTCTGTGTCACACTGCTCTTACC  
TGCCCTGTGTACCTCTCAGGACTCCTTTACTTGCTCAAGAGCAACCTATTATGGTA  
GCGCAGATTGTTATGGAAATCCAAGGGGAGCTTGTGGCTTTGGCGAATATGGAAA  
AACAGTAAACGATGGCAGTGTGCGAGGCGTGTCTTGGCTATGGAAGAATGGATCT  
GGTTGTGGGGCATGTTATCAGGTTAGGTGCAAAATACCACAATTCTGCGATGAGA  
ATGGAGCATAACGTGGTGGTGACAGATTATGGTGAGGGTGACAGAACAGACTTTA  
TAATGAGTCCACGTGGCTACTCAA AATTGGGGAGAAACACTTATGCATCTGCTGA  
GCTATTCAAATACGGTGTAGTGGATGTAGAATACAGAAGGGTCCCCTGTAGATAC  
GGTGGCTATAACCTCTTGGTCAAGGTCCATGAACACAGCAGAAACCCTCACTACT  
TGGCCATTCTCATTCTCTATATTGGTGGAACTCACGACATCACTGCTGTTGAGTTG  
TGGCAGGAAGAGTGCCAAGAATGGAGGCGAATGCGCAGGGCATTGTTACTGTG  
TTTGATGCCGAGAATCCGCCAAGGGGTGACATCAAGTTGAGGTTCCAATTGAGTG  
GTAATGCAGAGCAGTATTGGGTGCAATCCAAGAATGTTATCTCTGGCAATTGGGA  
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### Nucleotide

>PvEXLB-01

G TTCACAGTTATTCCTGATTCACTTGTATGCTATATTTTCTAGCATTGATCAGTCCT  
AAAATTTGTTGCATTCTCTCTTCCTTTTGTTTTAACATGGA ACTTAATTTTAAGCA  
CCA ACTTGGCCTGCTCTGTGTCACACTGCTCTTACCTGCCCTGTGTACCTCTCAGG  
ACTCCTTTACTTGCTCAAGAGCAACCTATTATGGTAGCGCAGATTGTTATGGAAA  
TCCAAGTATGAACCTTCTTTCCATCTATTCTTGCACCTGTACATGTATGGTGTAT  
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TCCTTTGTGGTGACTIONACTAGTGTCTTTCTGTTGGGGACCAAACTGTGGGAA  
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