

## IDENTIFICATION

**Species:** *Linum usitatissimum*

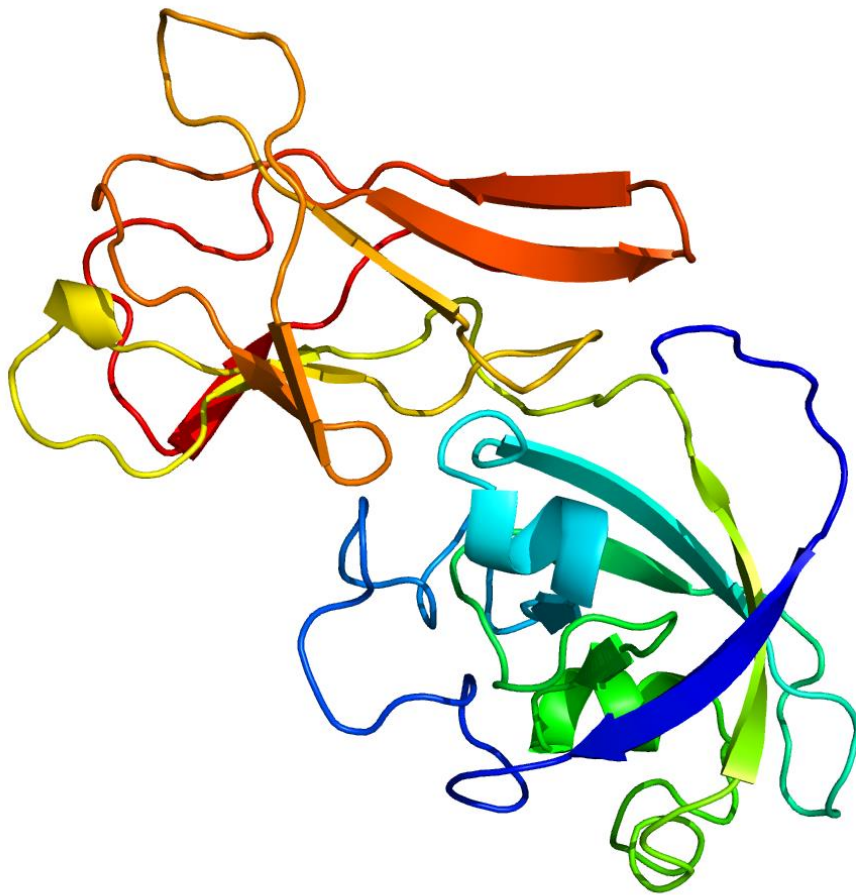
**Locus:** Lus10030931

**Gene Model:** Lus10030931

**Description:** LusEXLB-03

**Family:** Expansin Like Beta

**3D structure:**



## GENOME DATABASES

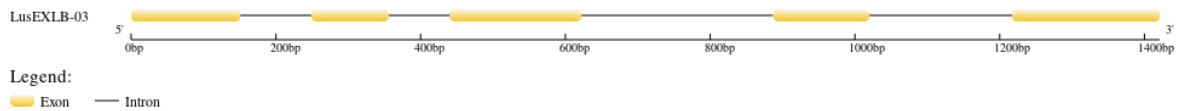
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Lusitatissimum\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0)

KEGG: <https://www.genome.jp/entry/D12016>

## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE

Query seq. Superfamilies

List of domain hits

| Name                  | Accession | Description                   | Interval | E-value  |
|-----------------------|-----------|-------------------------------|----------|----------|
| PLN03023 super family | cl33621   | Expansin-like B1; Provisional | 11-257   | 2.65e-87 |

## SEQUENCES

### Peptide

>LusEXLB-03

MALSSIQSLVCLLAVVLFMRNLQTHAATCKDCFIHSRAAHYPNSDEQGTENGACGFG  
TFGATLNGGDVSAASELYRNGLGCGACYQVRCTNSNYCSDKGVNIVITDQGSSDNT  
DFILSRRAFGGMAQTKDAAASILALGIVDIEYRRVSCYHPYKNITIKIDENSYPYYLA  
FVIRYQQGEKDITAVQLCETQNFKCKLLERSYGAVWTTTSPPSGPLSLRMLFSDDDG  
DESWVVPVNNIPSDWKAGETYDTGVQVDV\*

### CDS (coding sequence)

>LusEXLB-03

ATGGCTCTCTCCTCCATTCAATCCCTCGTCTGCCTACTTGCAGTTGTGCTGTTTCATG  
CGGAACCTGCAGACACATGCAGCAACATGCAAAGACTGTTTCATTCCTCTCGAG  
CTGCCCACTACCCGAATTCTGATGAACAAGGAACAGAGAATGGCGCCTGCGGATT  
TGGTACATTTGGGGCAACTTTAAACGGTGGAGATGTATCAGCTGCTTCGGAGCTC  
TATCGTAATGGTCTTGGATGTGGTGCTTGTATCAGGTGAGATGCACCAATAGCA  
ACTATTGCTCAGACAAAGGAGTAAACATCGTTATAACTGACCAAGGTTTCGAGTGA  
TAACACCGACTTCATTCTCAGCAGACGGGCCTTCGGTGGAAATGGCTCAGACCAAG  
GATGCAGCTGCCTCGATACTAGCCCTTGGAAATCGTCGACATCGAATATAGACGTG  
TTTCATGCTACCATCCATAACAAGAATATAACGATCAAGATTGACGAGAACAGCAA  
CTACCCGTATTACCTTGCTTTTGTGCATACGGTACCAACAAGGGGAAAAGGATATT  
ACTGCCGTTTCAGCTCTGTGAGACACAAAACCTTTAAATGCAAGCTTCTGGAGAGGA  
GCTACGGAGCTGTGTGGACTACTACCTCCCCTCCAGTGGCCCACTGTCCCTAAG  
GATGTTATTCAGCGATGATGATGGAGACGAGTCATGGGTTGTTCCCTGTTAACAAAT  
ATACCTAGTGACTGGAAAGCAGGAGAAACATATGACACGGGAGTACAAGTTGAT  
GTTTAG

### Nucleotide

>LusEXLB-03

ATGGCTCTCTCCTCCATTCAATCCCTCGTCTGCCTACTTGCAGTTGTGCTGTTTCATG  
CGGAACCTGCAGACACATGCAGCAACATGCAAAGACTGTTTCATTCCTCTCGAG  
CTGCCCACTACCCGAATTCTGATGAACAAGGAACAGAGAGTAAGACACCATTCCC  
GTGTAAGATATAAGAAATGGTTTGGTCTGATATTTACCATCTTGCTAAACGAA  
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GCAACTTTAAACGGTGGAGATGTATCAGCTGCTTCGGAGCTCTATCGTAATGGTC  
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GTTGTT CAGTATTCCTGAAAGTCAACAATAACAATAACAAGGTTTCAACAGGTGA  
GATGCACCAATAGCAACTATTGCTCAGACAAAGGAGTAAACATCGTTATAACTGA  
CCAAGGTTTCGAGTGATAACACCGACTTCATTCTCAGCAGACGGGCCTTCGGTGGA  
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TCGAATATAGACGGTGGAGATTACCTATTTTTAGATTACCATGCAAATATCCAGTCT  
AAGAAAATGAACTAACTAGGATCACACCCTCAAGCTATCTAATAGAAATACAAA  
GGGGATAATGTTCTTAGACCCAACACACCTTCTATATGTAAAACCAATACCAATT  
TCCTGGATAATCTTTAGAAAGTATTGCAGTCACTCAGCAAAGAAGCAAATTTCT  
ACACTTTGTTATGTTTGAAACTGCAAGCACTAGGTTAACCTTTCTTCCTCGCATGC  
AGTGTTTCATGCTACCATCCATACAAGAATATAACGATCAAGATTGACGAGAACA  
GCAACTACCCGTATTACCTTGCTTTTGTGCATACGGTACCAACAAGGGGAAAAGGA  
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ACTACCTCCCCTCCCAGTGGCCCACTGTCCCTAAGGATGTTATTCAGCGATGATG  
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AGGAGAAACATATGACACGGGAGTACAAGTTGATGTTTAG