

## IDENTIFICATION

**Species:** *Linum usitatissimum*

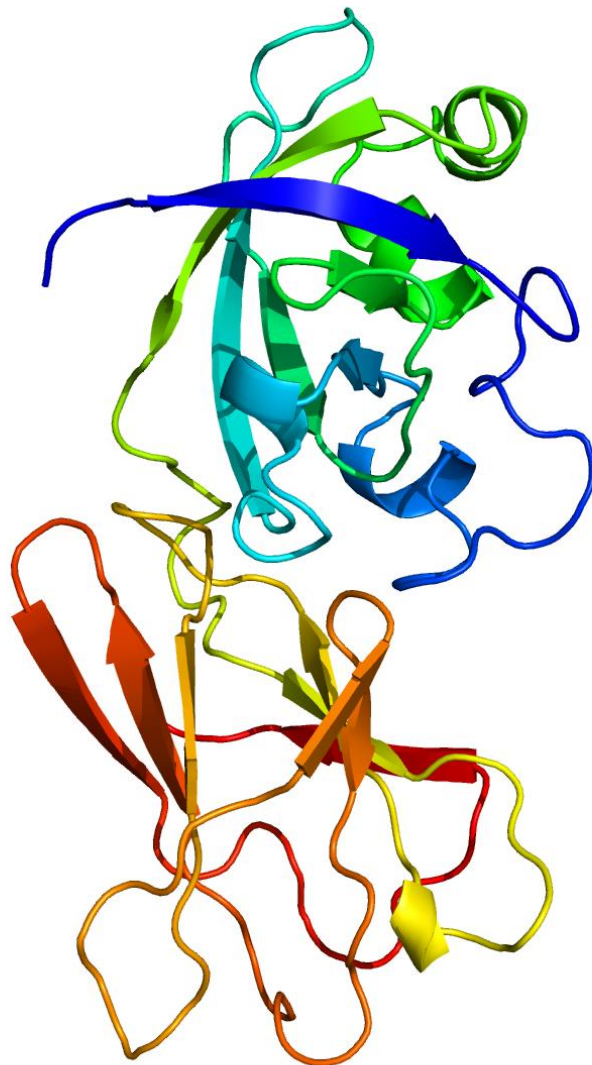
**Locus:** Lus10000958

**Gene Model:** Lus10000958

**Description:** LusEXLB-10

**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>

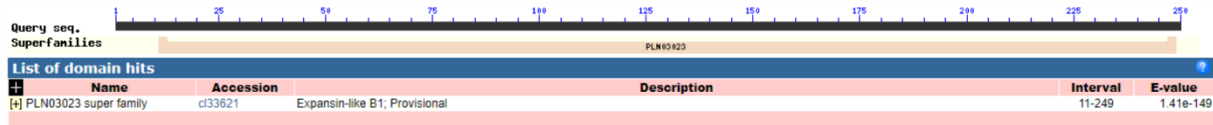
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>LusEXLB-10

MALPGLKNEAIMLFIMMTSFVAGGDDFVCSRATYYGSPDCLGTPRGACGYGEFGRT  
VNDANVAGVSRLWKNGTGCGSCYQVRCKAPHVCNDDGVNIVVTDYGEDHTDFIL  
SPRAYAEMARPNCAPELYSYGAVEVEYRRIPCKYASGYNIQFKVKEHSKFPHYLAIV  
LLYQASQYDVLTVDMWQEDCKEWRGMRRAYGAVWDIVTPPKGPITLRFQVTSSVE  
VKWIEAKGVIPCEWEAGATYDSNLQL\*

### CDS (coding sequence)

>LusEXLB-10

ATGGCACTTCCAGGGCTTAAAAACGAAGCAATTATGTTATTTATAATGATGACCA  
GCTTTGTGGCCGGCGGCGATGACTTTGTGTGCTCAAGAGCTACTTACTACGGCAG  
CCCTGATTGCTTAGGGACTCCACGTGGAGCTTGTGGGTATGGTGAATTTGGAAGG  
ACGGTGAATGATGCTAACGTGGCTGGTGTTCACAGGCTCTGGAAGAATGGCACCG  
GCTGTGGTTCTTGCTATCAGGTGAGATGCAAGGCACCCCATGTGTGCAACGACGA  
CGGAGTGAACATAGTAGTCACTGACTACGGCGAAGGAGACCACACCGACTTCAT  
CCTCAGCCCACGCGCCTACGCCGAGATGGCGCGTCCCAACTGCGCCCCGGAGCTC  
TACTCATACGGCGCCGTAGAAGTCGAGTACCGTAGAATACCATGCAAGTACGCAT  
CCGGCTACAATATACAGTTCAAGGTTAAAGAGCACAGCAAATTCCTCACTACTT  
GGCCATCGTCCTCCTCTACCAAGCTTCCCAATACGACGTCCTAACTGTGACATGT  
GGCAGGAGGATTGCAAGGAATGGAGAGGGATGAGGAGGGCATATGGCGCCGTTT  
GGGACATTGTTACGCCGCCAAAGGGTCCGATTACATTGAGGTTCCAAGTGACGAG  
CAGTGTGGAAGTGAAATGGATCGAGGCCAAAGGTGTTATACCTTGTGAATGGGA  
AGCTGGTGCTACTTATGATTCAAATCTTCAGCTTTAA

### Nucleotide

>LusEXLB-10

ATGGCACTTCCAGGGCTTAAAAACGAAGCAATTATGTTATTTATAATGATGACCA  
GCTTTGTGGCCGGCGGCGATGACTTTGTGTGCTCAAGAGCTACTTACTACGGCAG  
CCCTGATTGCTTAGGGACTCCACGTATGTATATGATCATTAAACACGTTATATCAAG  
ATGATCATATATATAATTAATTATAAAAATTGTTTCAGGTGGAGCTTGTGGGT  
ATGGTGAATTTGGAAGGACGGTGAATGATGCTAACGTGGCTGGTGTTCACAGGCT  
CTGGAAGAATGGCACCGGCTGTGGTTCTTGCTATCAGGTCCCTTATTTCCCATTA

TTTCATCGTCCTAATGCATAATGTGATGCCATATTGTCACGGAATATATTGAATAA  
TTAATTCTTGTTGGTCAGTGACAAATCAGATACCATACCTTATTATAAAGCTAGTA  
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TTGGAACGTGAGTGGTAATTAAGCAAATTGGTGGGTGGGAATATTGGTTGATATA  
TTCAATCAGGTGAGATGCAAGGCACCCCATGTGTGCAACGACGACGGAGTGAAC  
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CGCCGTAGAAGTCGAGTACCGTAGAATACCATGCAAGTACGCATCCGGCTACAAT  
ATACAGTTCAAGGTTAAAGAGCACAGCAAATTCCTCACTACTTGGCCATCGTCC  
TCCTCTACCAAGCTTCCCAATACGACGTCCTAACTGTCGACATGTGGCAGGTTCC  
GATCGATCCAACTCCCTTGATTTAATTAATTTATACACACTTGCGTAATTGTTTTTC  
CATCGTCGTA CTGTCAGGAGGATTGCAAGGAATGGAGAGGGATGAGGAGGGCAT  
ATGGCGCCGTTTGGGACATTGTTACGCCGCCAAAGGGTCCGATTACATTGAGGTT  
CCAAGTGACGAGCAGTGTGGAAGTGAAATGGATCGAGGCCAAAGGTGTTATACC  
TTGTGAATGGGAAGCTGGTGCTACTTATGATTCAAATCTTCAGCTTTAA