

## IDENTIFICATION

**Species:** *Linum usitatissimum*

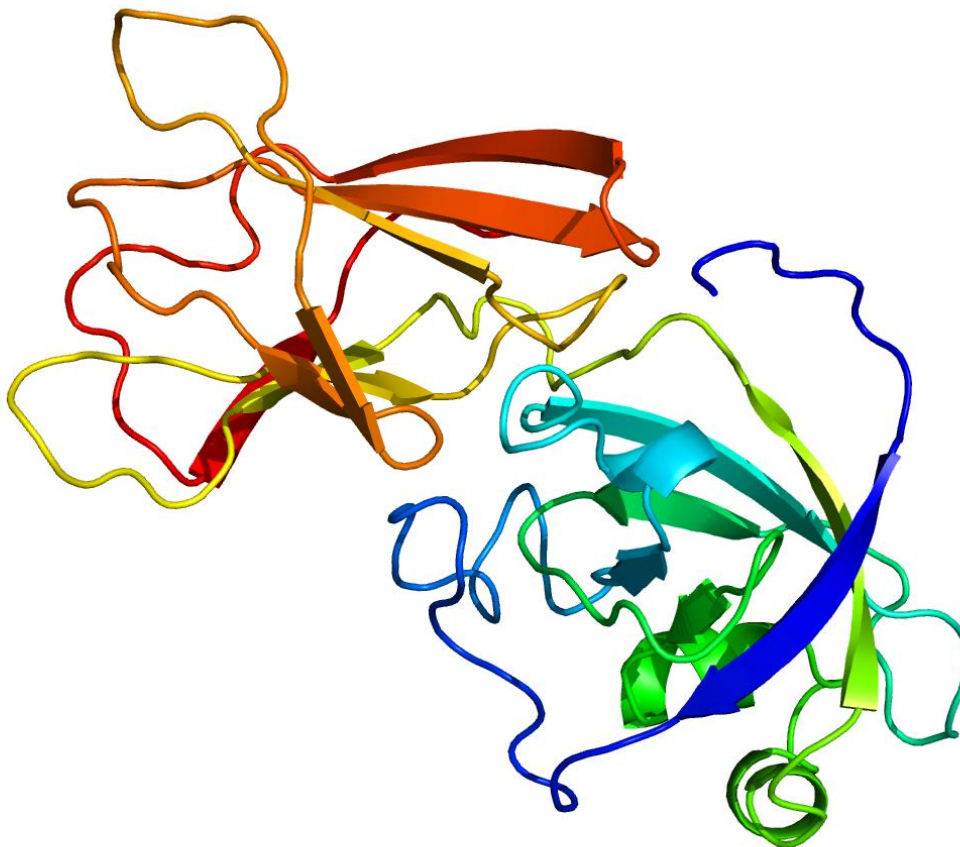
**Locus:** Lus10022639

**Gene Model:** Lus10022639

**Description:** LusEXLA-01

**Family:** Expansin Like Alpha

**3D structure:**



## GENOME DATABASES

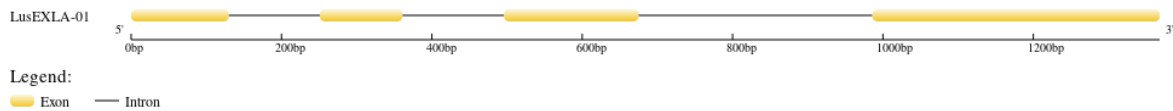
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Lusitatissimum\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0)

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

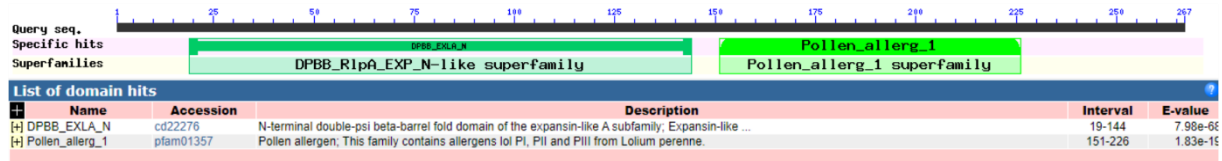
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>LusEXLA-01

MANLSFISFMFLLLLGISSATACDRCVHQTQVAYFSTASALSNGACGYGSLAIGFNA  
GQLAAAIPIYKNGAGCGACFQIRCKNPSLCSTKGTVMVTDLNTSNNTDFVLSRTAF  
SAMASKGKASDVLKLGITDVEYKRVPCDLKAKNLA VRVEESSQKPHYLAIKVLNQG  
GQTEIVAMDVARVGSSNWAFLSRNYGAVWDTSRVPVGPLQFRFVVTGGFDGKWV  
WAQKAVLPEDWKNM VYDTGLQIDDIAQEPCSPCDDSNWK\*

### CDS (coding sequence)

>LusEXLA-01

ATGGCTAATCTTTCATTCATTTCTTCATGTTCTCTCTCTCTGGGCATCATCTCA  
TCAGCAACAGCTTGCATCGCTGTGTTTCATCAAACCAAAGTCGCTTACTTCTCCAC  
AGCCTCTGCTCTTCCAATGGTGCTTGTGGGTACGGATCCTTGGCGATTGGATTCA  
ACGCCGGCCAACTCGCTGCTGCTATTCCTTCCATTTACAAGAACGGCGCCGGCTG  
CGGTGCTTGCTTCCAGATTAGATGCAAGAACCCAAGCTTATGCAGCACCAAGGGA  
ACTACTGTAATGGTGACGGACCTTAATACGAGTAACAACACGGATTTCTGTTCTTA  
GCCGTACAGCTTTCAGTGCCATGGCTAGCAAGGGGAAAGCTTCAGACGTTTTGAA  
ACTTGGTATAACTGATGTCGAGTACAAAAGGGTGCCATGTGATTTGAAGGCCAAG  
AACTTGGCAGTGAGAGTGGAGGAATCAAGCCAGAAGCCACACTACTTGGCCATC  
AAGGTGCTAAACCAAGGTGGCCAGACCGAGATTGTAGCGATGGACGTAGCTCGA  
GTAGGGTCTTCGAACTGGGCTTTCCTGAGCAGGAATTACGGGGCCGTTTGGGACA  
CGAGCCGTGTCCCGTAGGACCACTTCAGTTCAGGTTTGTGGTGACGGGCGGGTT  
CGACGGGAAGTGGGTTTGGGCGCAGAAGGCAGTCCTTCCCGAAGATTGGAAGAA  
CGGGATGGTCTACGACACTGGGCTGCAGATCGATGACATTGCTCAAGAGCCTTGC  
TCGCTTGTGACGATTTCGAATTGGAAGTGA

### Nucleotide

>LusEXLA-01

ATGGCTAATCTTTCATTCATTTCTTCATGTTCTCTCTCTCTGGGCATCATCTCA  
TCAGCAACAGCTTGCATCGCTGTGTTTCATCAAACCAAAGTCGCTTACTTCTCCAC  
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TTGGAAAATCTCTTCTTTTCTGCAGATGGTGCTTGTGGGTACGGATCCTTGGCGA  
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GCCGGCTGCGGTGCTTGTCCAGGTGATTTTTAACGTTTAGGTTCTGACCCACTG  
GTTCGACCTCTCTGAGTAGTTTTCCGCAGGTTGAATTTTGGAACTGAATGGTTAGG  
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CTAGCAAGGGGAAAGCTTCAGACGTTTTGAACTTGGTATAACTGATGTCGAGTA  
CAAAAGGTAACATTATTTTACATACATTACGAATCAACTCATGTTTCTGTCACCGA  
CCAAAATTTGAGTGACCGAGATGAAACATCGACACATGGTTTGAGCGAGACCAA  
CAATTCTCGACATGGATGGTCGAAATCTCGACATTATAGTATGTATAGTCGGATG  
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TCTTTCAATTATAATTTTTTAGTGATAATGGTTTTTGTACACCAAACCATATCATA  
TATTTATAACATTAATAAAAACCTTGATTGTTAATTTTGTAGGGTGCCATGTGATTT  
GAAGGCCAAGAACTTGGCAGTGAGAGTGGAGGAATCAAGCCAGAAGCCACACTA  
CTTGGCCATCAAGGTGCTAAACCAAGGTGGCCAGACCGAGATTGTAGCGATGGA  
CGTAGCTCGAGTAGGGTCTTCGAACTGGGCTTTCCTGAGCAGGAATTACGGGGCC  
GTTTGGGACACGAGCCGTGTCCCGTAGGACCACTTCAGTTCAGGTTTGTGGTGA  
CGGGCGGGTTCGACGGGAAGTGGGTTTGGGCGCAGAAGGCAGTCCTTCCCGAAG  
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AGAGCCTTGCTCGCCTTGTGACGATTTCGAATTGGAAGTGA