

## IDENTIFICATION

**Species:** *Linum usitatissimum*

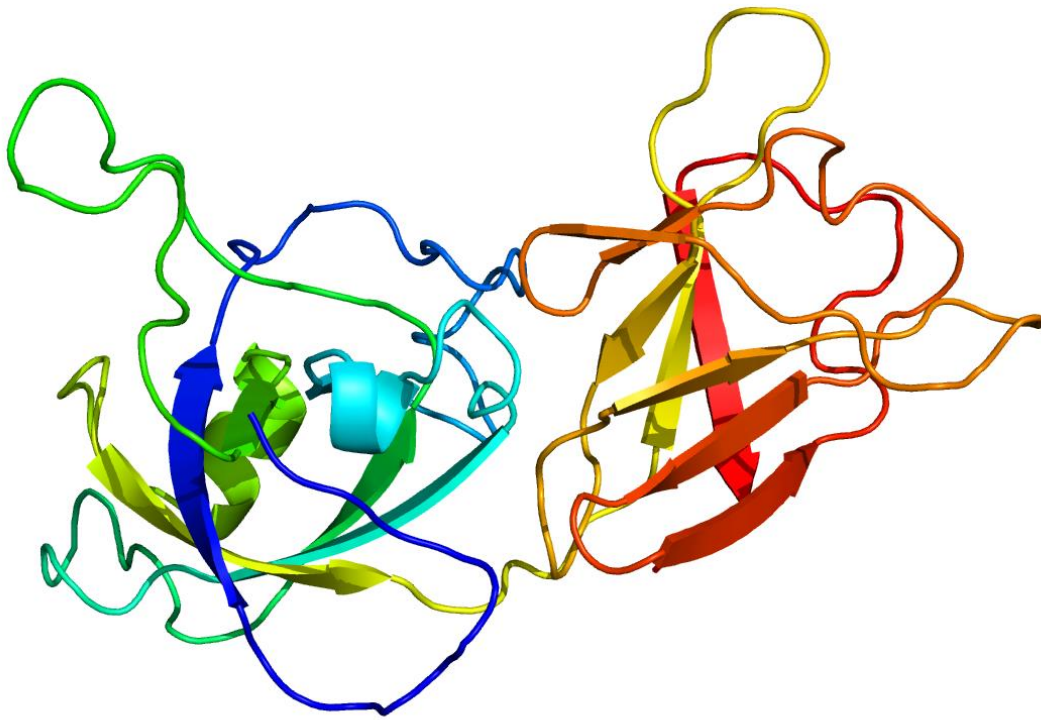
**Locus:** Lus10014406

**Gene Model:** Lus10014406

**Description:** LusEXPA-12

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

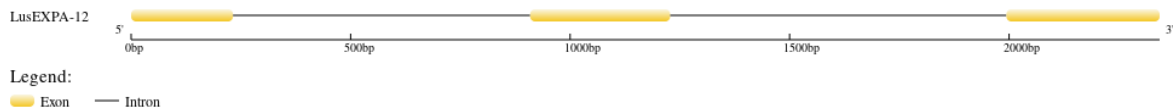
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Lusitatissimum\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0)

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

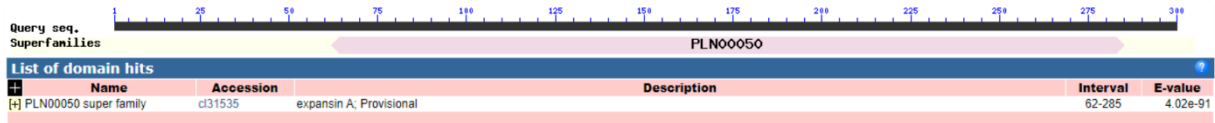
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>LusEXPA-12

MKLATICITLLLLLILPDFCSVKAQEDDSVSHALGRFSEPQSHNLRRGRRPRLPPFRS  
GPWQRAHATFYEGNTRTYGGACDYTDVVGEGYGMNTAALSNAIFRDGKSCGACFQ  
IQCIDDPQWCKPGQQSLFVTATDLCPPNPFQPSDNGGWCNPPRQHFDIAMPVFNHLA  
EYKAGIIPVKYRRVPCRKSGGIRYTMGMNQWFYEVVVSNVGGSGDIVAVQVKVDN  
KLRWISLDHDWGATWKTGFPLQGKSLFRVRGSDGRYSTSPHVPSNWQFGQTFEG  
KNFKLKNRGRKKDFGQV\*

### CDS (coding sequence)

>LusEXPA-12

ATGAAACTAGCGACCATCTGTACGACGTTGTTGCTGTTGCTAATAAATACTGCCAG  
ATTTCTGCAGTGTTAAAGCACAAAGAAGATGATTCAGTGAGTCATGCCTTGGGGCG  
GTTCTCCGAACACAGAGCCACAACCTTAGGCGAGGCCGACGGCCAGACTGCCT  
CCTTTCCGGTCCGGTCCGTGGCAGAGAGCTCACGCCACATTCTATGAAGGCAACA  
CCAGAACTTATGGCGGCGCGTGCGACTACACGGACGTGGTGGGGGAAGGGTACG  
GGATGAACACGGCGGCGCTGAGCAACGCTCTCTTCCGAGACGGTAAGAGCTGCG  
GTGCTTGTTCAGATACAGTGCATCGACGCCACAGTGGTGTAAAGCCAGGTCA  
GCAGTCTCTGTTCGTCACGGCCACTGATCTCTGCCCTCCCAACCCATTCCAGCCCA  
GCGACAACGGCGGCTGGTGTAAACCTCCCCGCCAGCATTTCGACATCGCCATGCC  
CGTCTTCAACCATCTTGCCGAGTACAAGGCCGGAATTATACCCGTCAAGTATCGC  
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### Nucleotide

>LusEXPA-12

ATGAAACTAGCGACCATCTGTACGACGTTGTTGCTGTTGCTAATAAATACTGCCAG  
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