

## IDENTIFICATION

**Species:** *Linum usitatissimum*

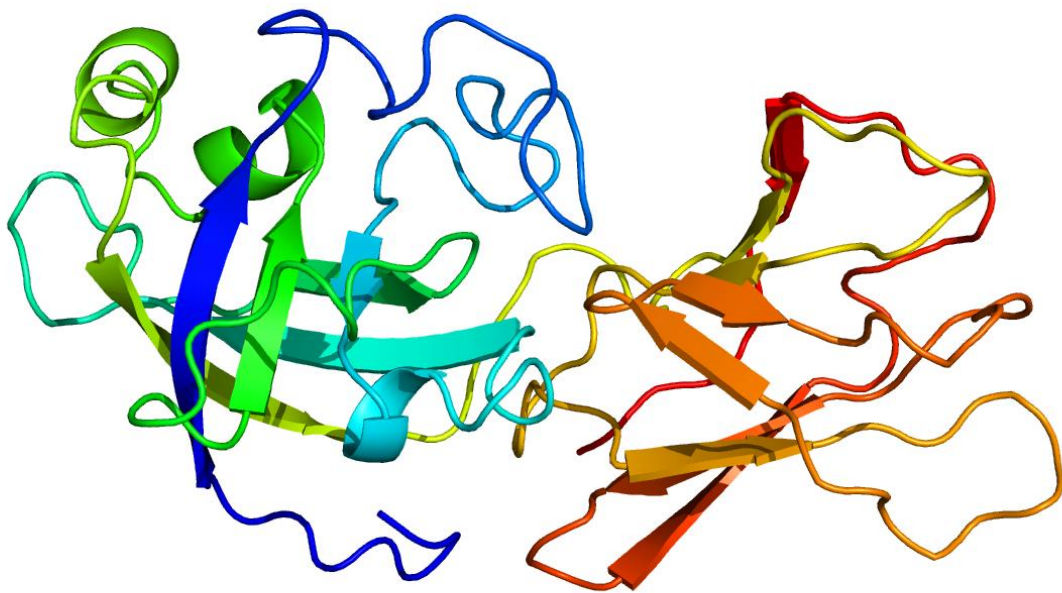
**Locus:** Lus10018583

**Gene Model:** Lus10018583

**Description:** LusEXPB-06

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

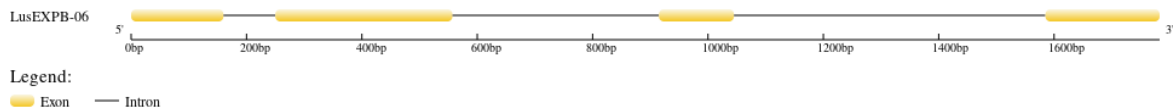
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Lusitatissimum\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0)

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

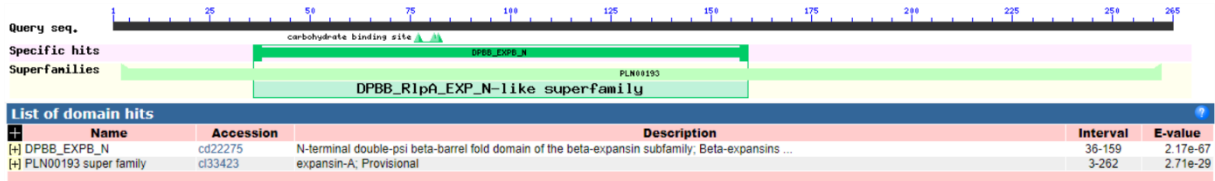
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>LusEXPB-06

MQLMWFNILFFASVFFFTVSGQVPVHHPAASDDHWHHPATATWYGSPEGDGS DGG  
ACGYGSMVDVKPLRARVGA VSPVLF RSGEGCGACYKVKCLDKSICSRRAVTVIVTD  
ECPGGYCSGGKTHFDLSGAAFGRMAVTGEAGMLRNKGELPVIFR RTPCKYPGKNIAF  
HVNEGSTDFWLSLLVEFEDGDGDVGS MHIRQGGGSEWMEMKHVWGATWCIVGGP  
LRGPFSVKLTTLSTGKSLSARDVIPS NWSPKATYTSRLNFLH\*

### CDS (coding sequence)

>LusEXPB-06

ATGCAGCTGATGTGGTTCAACATTCTGTTTTTCGCTTCTGTATTCTTCTTCACCGTC  
TCCGGCCAGGTCCCAGTCCACCACCCTGCTGCATCTGACGACCACCATTGGCACC  
CCGCCACCGCTACCTGGTACGGCAGCCCAGAAGGCGACGGCAGCGACGGAGGGG  
CGTGCGGGTACGGGTTCGATGGTGGACGTGAAGCCACTGCGGGCGCGGGTTCGGAG  
CCGTCAGCCCTGTTCTTTCCGGAGCGGGGAAGGGTGCGGAGCTTGCTACAAGGT  
GAAGTGCTTGACAAGAGTATCTGCTCGAGAAGGGCGGTCACCGTAATTGTCACC  
GACGAGTGTCCCGGCGGGTACTGCTCTGGCGGAAAACCCACTTCGACCTCAGCG  
GCGCGGCATTCGGACGCATGGCTGTCACCGGAGAAGCCGGCATGCTCCGCAACA  
AAGGCGAGCTCCCCGTCATTTTTTCGACGGACGCCGTGCAAATATCCCGGGAAGAA  
CATAGCGTTCCACGTGAACGAAGGCTCGACGGACTTCTGGCTATCACTGCTTGTA  
GAGTTCGAGGATGGTGTGATGGTGACGTCGGTTCATGCACATCCGACAGGGAGGT  
GGGAGTGAGTGGATGGAGATGAAGCATGTGTGGGGAGCAACATGGTGCATAGTT  
GGTGGGCCATTGAGAGGTCCATTCTCAGTGAAGCTCACC ACTCTGTCTACAGGCA  
AATCTCTCTCAGCTAGGGATGTTATCCCAAGCAACTGGTCTCCCAAGGCCACTTA  
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### Nucleotide

>LusEXPB-06

ATGCAGCTGATGTGGTTCAACATTCTGTTTTTCGCTTCTGTATTCTTCTTCACCGTC  
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CAACTTCTCCACTAG