

## IDENTIFICATION

**Species:** *Linum usitatissimum*

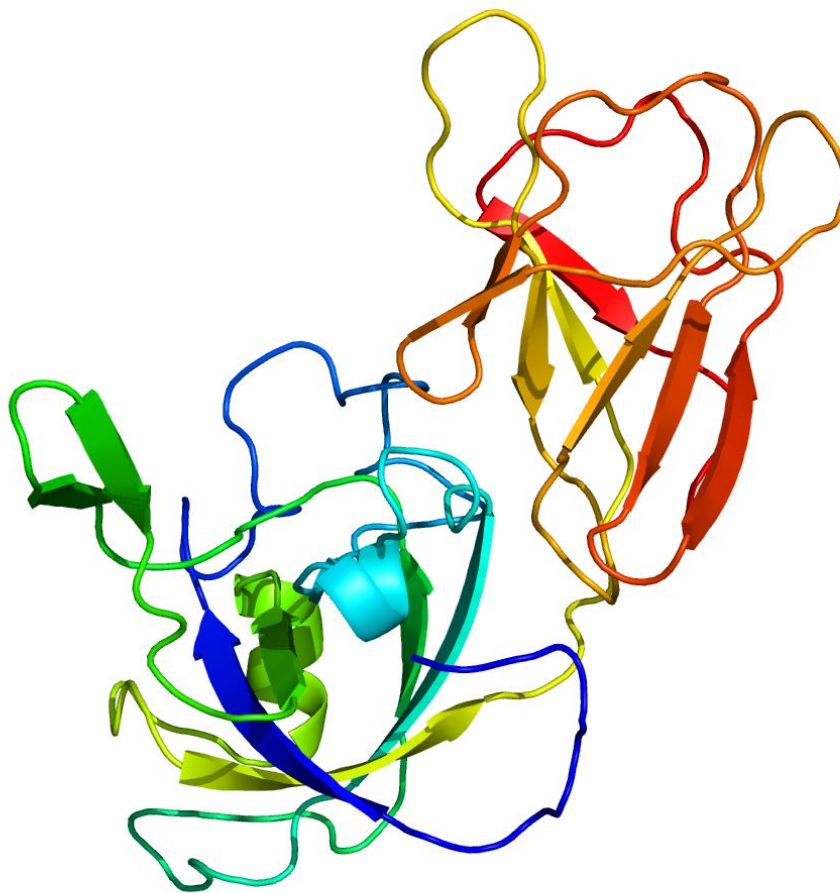
**Locus:** Lus10017256

**Gene Model:** Lus10017256

**Description:** LusEXPA-08

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

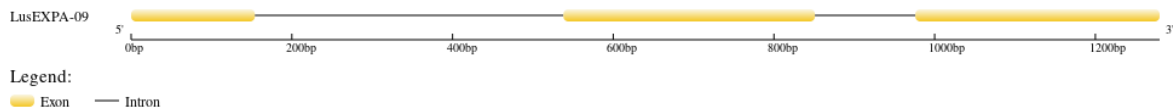
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Lusitatissimum\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0)

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

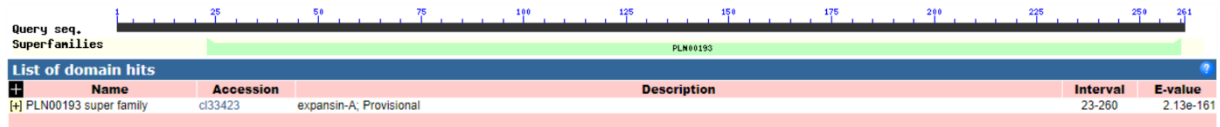
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>LusEXPA-08

MAKQQLILTLSELLIIFIFLSALNVDAFSASGWSKAHATFYGGDASGTMGGACGYG  
DLYSTGYGTRTAALSTAMFNNGASCGEYKIICDHRTDPEWCVKGRSITVTVTNYCP  
PNYALSNDGGWCNPLKHFDMAQPAWEKIGIYRGGIIPVLYQRPCKKHGGVRFT  
MNGHDYFELVLISNVAAAGSIQSVSIKGSKTGWTSMSRNWGSNWQSNLYLNGQSLS  
FRITMVDGETRTFDEIVPSNWGFGQTFSSPLQF\*

### CDS (coding sequence)

>LusEXPA-08

ATGGCAAAGCAACAGCTAATTCTCACTCTTTCACTCCTACTGATCATCTTCATCTT  
CTCTCTCAGTGCTCTCAATGTTGATGCCTTCTCTGCTTCCGGTGGTCCAAAGCCC  
ACGCCACTTTCTACGGCGGTGGTGACGCATCCGGAACCATGGGTGGGGCTTGTGG  
GTATGGTGACTTATACTCGACTGGATACGGGACTCGAACTGCGGCACTCAGTACT  
GCCATGTTCAACAATGGAGCTTCTTGTGGGGAGTGTTACAAAATCATATGTGACC  
ATCGAACAGACCCGGAATGGTGTGTCAAGGGAAGGTCTATCACTGTCACCGTCAC  
GAATTACTGTCCTCCGAATTATGCCCTCTCGAATGACGATGGCGGATGGTGTAAAC  
CCGCCGTTGAAGCATTTCGACATGGCTCAGCCCGCTTGGGAGAAGATTGGGATCT  
ACAGGGGAGGCATTATCCCTGTTCTATATCAGAGGGTGCCGTGTAAGAAGCATGG  
TGGCGTGAGGTTTACCATGAACGGACATGACTACTTTGAGCTGGTGTGATTAGT  
AACGTGGCGGCAGCCGGATCTATTAGTCCGTGTCGATTAAGGGTTCGAAGACGG  
GGTGGACATCCATGTCGAGAACTGGGGATCCAATTGGCAGTCGAATTTATACCT  
TAACGGCCAATCTTTATCATTACAGATCACGATGGTTGATGGGGAGACGAGA  
TTCGACGAGATTGTGCCGTCCA  
ACTGGGGATTTGGCCAGACTTTCTCTAGTCCACT  
ACAGTTCTGA

### Nucleotide

>LusEXPA-08

ATGGCAAAGCAACAGCTAATTCTCACTCTTTCACTCCTACTGATCATCTTCATCTT  
CTCTCTCAGTGCTCTCAATGTTGATGCCTTCTCTGCTTCCGGTGGTCCAAAGCCC  
ACGCCACTTTCTACGGCGGTGGTGACGCATCCGGAACCATGGGTAATTCGTACGA  
ACAATTCGTGATTTCTAATATCGCATGCGTACGTACATACATACATGTCTATGGAT

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GGGTATGGTGACTTATACTCGACTGGATACGGGACTCGAACTGCGGCACTCAGTA  
CTGCCATGTTCAACAATGGAGCTTCTTGTGGGGAGTGTTACAAAATCATATGTGA  
CCATCGAACAGACCCGGAATGGTGTGTCAAGGGAAGGTCTATCACTGTCACCGTC  
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ACCCGCCGTTGAAGCATTTCGACATGGCTCAGCCCGCTTGGGAGAAGATTGGGAT  
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AATACTGACTTTTTCAAATTATTACGATTTAGTCACTGATTTTTGTTATTCTTTCCT  
TATTATTTCTAGGGTGCCGTGTAAGAAGCATGGTGGCGTGAGGTTTACCATGAAC  
GGACATGACTACTTTGAGCTGGTGTGATTAGTAACGTGGC GGCAGCCGGATCTA  
TTCAGTCCGTGTCGATTAAGGGTTCGAAGACGGGGTGGACATCCATGTCGAGAAA  
CTGGGGATCCAATTGGCAGTCGAATTTATACCTTAACGGCCAATCTTTATCATTCA  
GGATCACGATGGTTGATGGGGAGACGAGAACTTTCGACGAGATTGTGCCGTCCA  
ACTGGGGATTTGGCCAGACTTTCTCTAGTCCACTACAGTTCTGA