

IDENTIFICATION

Species: *Linum usitatissimum*

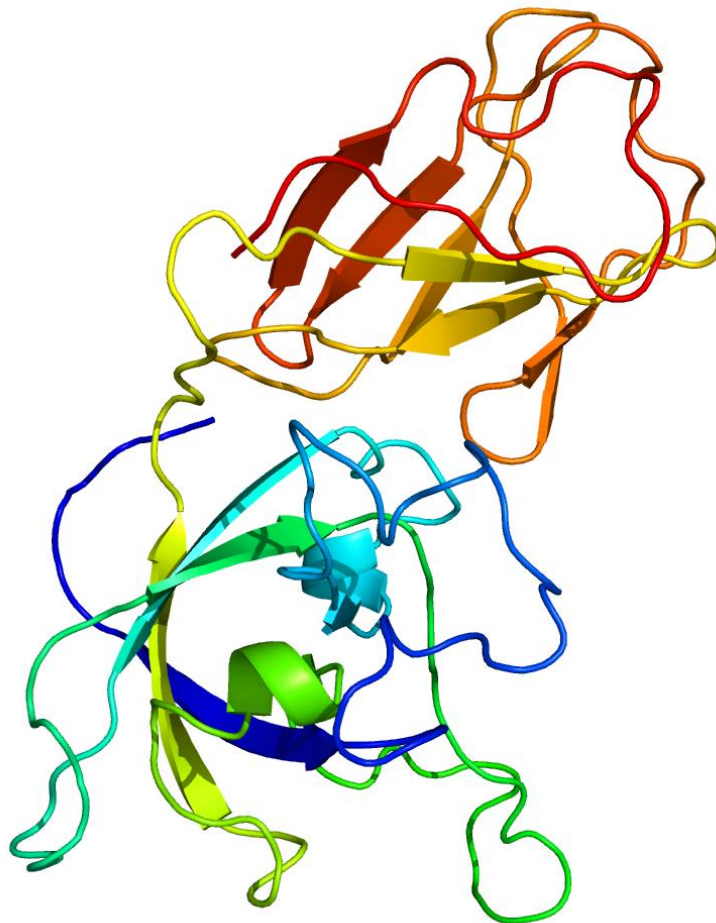
Locus: Lus10009917

Gene Model: Lus10009917

Description: LusEXPA-14

Family: Alpha Expansin

3D structure:



GENOME DATABASES

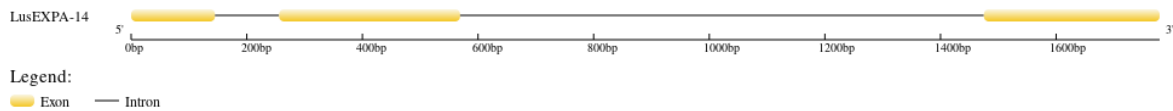
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

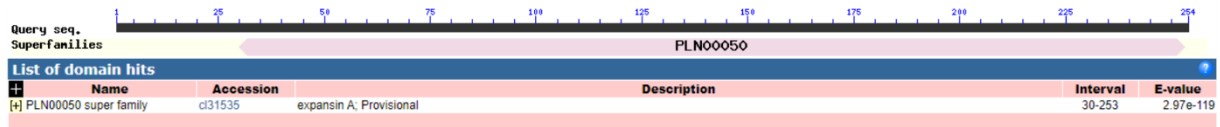
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXPA-14

MAAAATLFSFFSLLLASSMFDHIYADYGGWQSAHATFYGGGDASGTIGGACGYGN
LYSQGYGTNTAALSTALFNNGFSCGACFEIRC VNDPSWCLSPSIVVTATNFCPPNPAL
PNNNGGWCNPPLQHFDLAQPAFLQIARYRAGIVPISFRRVPCWKKGGIRFTINGHSYF
NLVLVTNVGGAGDVHAVAVKGSKTGWQSMSRNWQNWQSNAYLNEQSLTFAVTT
SDGRTVNSYNVVPAGWQFGQTFQGSQF*

CDS (coding sequence)

>LusEXPA-14

ATGGCTGCTGCTGCAACCTTATTCTCGTTCTTCTCATCCCTGCTATTAGCTTCATCC
ATGTTTGATCACATTTACGCCGATTACGGCGGGTGGCAGTCAGCTCACGCTACCT
TCTATGGGGGCGGAGACGCCTCCGGCACCATTTGGAGGAGCTTGTGGATATGGAA
ATTTGTACAGCCAAGGGTACGGGACGAACACGGCGGCATTGAGCACGGCGCTGT
TCAATAACGGGTTTAGCTGCGGTGCTTGTTCGAGATCAGGTGCGTCAACGACCC
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ACCCAGCCCTCCCAAACAACAACGGCGGGTGGTGCAACCCTCCCTTGCAACACTT
TGACTTGGCTCAACCTGCTTTCCTCCAGATTGCCCGTTACCGCGCTGGCATCGTAC
CCATTTCTTTCCGCAGGGTGCCATGCTGGAAAAAGGGAGGGATAAGGTTACAGAT
CAACGGGCACTCCTACTTCAACCTAGTACTAGTAACCAACGTGGGAGGGGCAGG
GGATGTTTCATGCGGTTGCCGTCAAAGGGTCAAACCGGATGGCAGTCAATGTCA
AGAACTGGGGACAGA ACTGGCAAAGCAATGCTTATCTCAACGAACAGAGCTTG
ACGTTCCCGTCACGACCAGCGACGGCCGA ACTGTCAATAGCTACAACGTTGTGC
CGGCCGGTTGGCAGTTTGGTCAGACATTCCAAGGTAGCCAATTTTAG

Nucleotide

>LusEXPA-14

ATGGCTGCTGCTGCAACCTTATTCTCGTTCTTCTCATCCCTGCTATTAGCTTCATCC
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