

IDENTIFICATION

Species: *Linum usitatissimum*

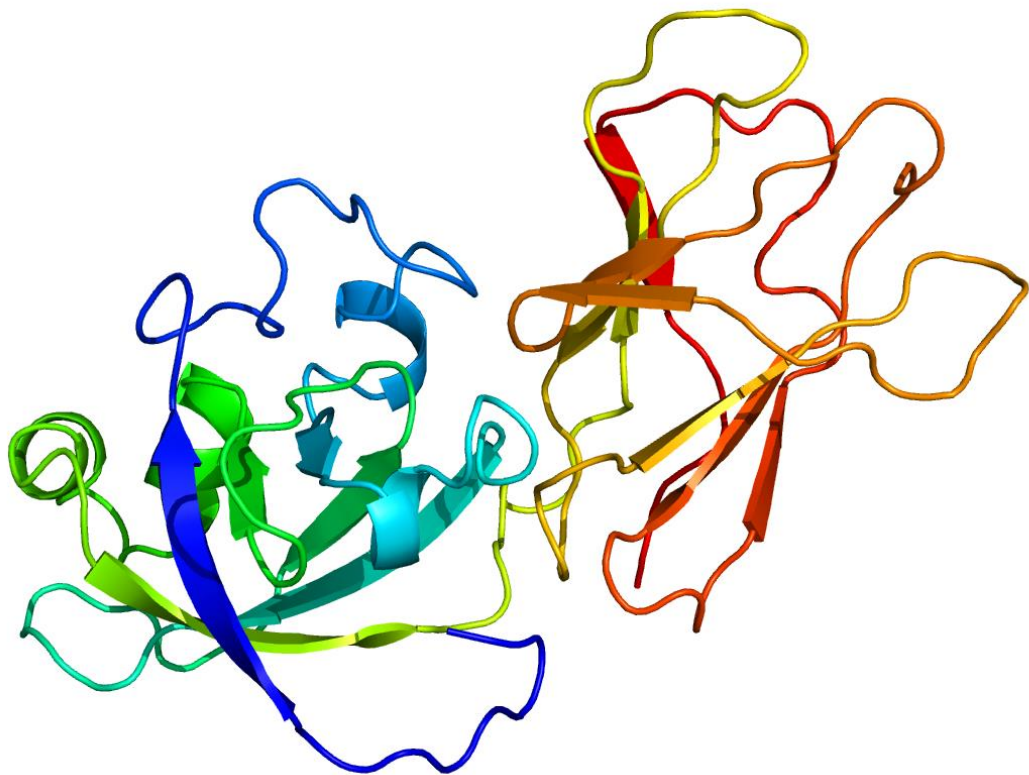
Locus: Lus10011013

Gene Model: Lus10011013

Description: LusEXLB-05

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

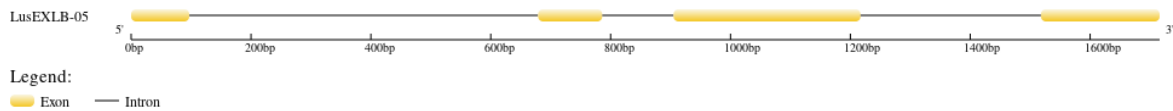
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

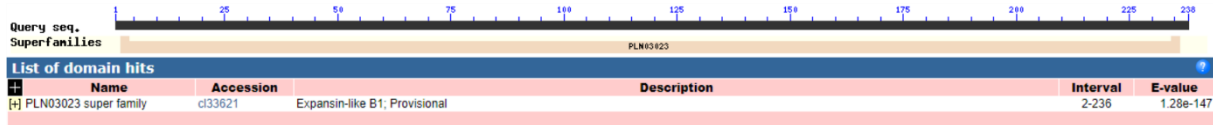
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXLB-05

MILAIWPKSTFGDDYVYSRATFYGSPDCLGTPTGACGYGEFGRNVNDANVAGVSKL
WKNGTGCGNCYQVRCKAPNVCNENGVNIVVTDHGEGDHTDFILSPRAYGRMARPE
YAAELYKYGVVDVEYKRIPCKY AASNVLFKVNEHSKYPDYLAIVLLYQGGEYDVVA
AEIWQEDCKQWRGMRKAYGAVWDVVSPPKGAITLRFQVMSSVEVTWIEAKSVIPNE
WKAGATYDSTVQLN*

CDS (coding sequence)

>LusEXLB-05

ATGATTTTGGCCATTTGGCCAAAATCCACCTTTGGGGATGATTATGTCTACTCAAG
AGCCACTTTCTATGGCAGTCCTGATTGCCTGGGGACTCCAAGTATGTATATTTTCT
ATGGTGAATTTGGCAGGAATGTGAATGATGCCAACGTGGCTGGTGTCTCTAAGCT
CTGGAAGAATGGCACTGGCTGCGGTAATTGCTACCAGGTGAGGTGCAAGGCACC
AAATGTGTGCAATGAGAATGGAGTGAACATAGTGGTGACCGACCACGGCGAGGG
TGACCACACCGACTTCATCCTGAGCCC GCGGGCCTACGGACGAATGGCCCGACCT
GAGTACGCGCCGAGCTCTACAAATATGGCGTTGTAGATGTTCGAGTACAAACGTA
TCCCTTGCAAGTATGCTGCCTCCAATGTCTTGTTCAAGGTCAATGAGCATAGCAA
GTACCCTGACTACTTGGCCATTGTGCTTCTGTACCAAGGGGGCGAATACGACGTC
GTTGCTGCTGAAATCTGGCAGGAGGACTGCAAGCAGTGGAGGGGGATGAGGAAG
GCGTATGGGGCGGTGTGGGACGTGGTCTCGCCACCAAAGGAGCCATAACACTA
AGGTTCCAAGTATGAGCAGTGTGGAAGTACTTGGATCGAGGCTAAGAGCGTC
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AA

Nucleotide

>LusEXLB-05

ATGATTTTGGCCATTTGGCCAAAATCCACCTTTGGGGATGATTATGTCTACTCAAG
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CCGATACGAACTGTTTAAAACCGAATTTAACTCTTAACTTCACCGATGTTTTTTTA
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AGTGAACATAGTGGTGACCGACCACGGCGAGGGTGACCACACCGACTTCATCCT
GAGCCCGCGGGCCTACGGACGAATGGCCCGACCTGAGTACGCGGCCGAGCTCTA
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AA