

IDENTIFICATION

Species: *Linum usitatissimum*

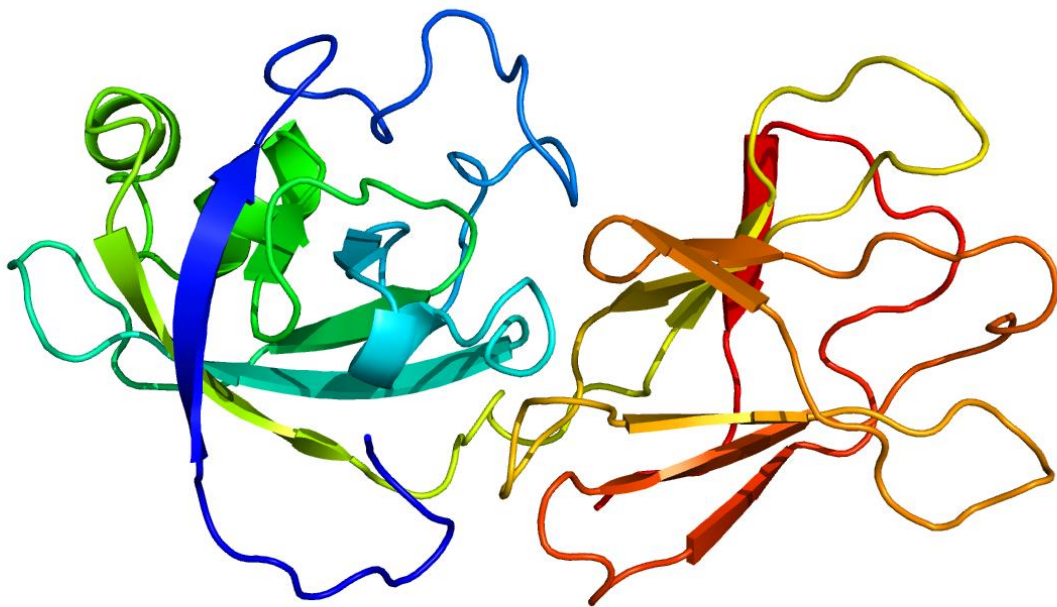
Locus: Lus10001009

Gene Model: Lus10001009

Description: LusEXLB-07

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

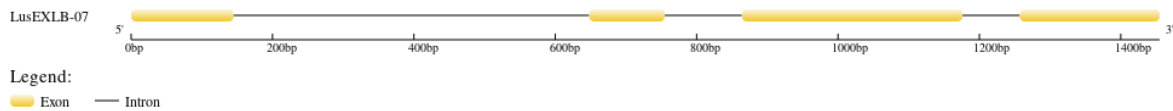
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

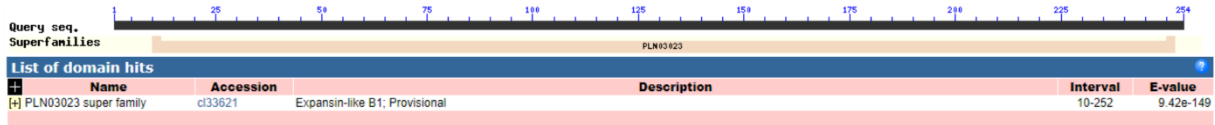
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXLB-07

MGFELKFGCYCLLGAMILAILPKSTFGDDYVYSRATFYGSPDCLGTPTGACGYGEF
GRNVNDANVAGVSRLWKNGTGCGNCYQVRCKAPNVCNENGVNVVVTDYGEGDH
TDFILSPRAYGRMARPEYAAELYKYGVVDVEYKRIPCKYAASNVLFKVNEHSKYPN
YLAIVLLYQGGQYDVISAEIWQEDCKQWRAMRKAYGAVWDVVSPPKGAITLRFQV
MSSVEVTWIEAKSVIPDEWKAGATYDSTMQLN*

CDS (coding sequence)

>LusEXLB-07

ATGGGGTTTGAAGTCAAGTTTGGTTGTTATTATTGCCTTTTGGGTGCCATGATTTT
GGCCATTTTGCCAAAATCCACCTTTGGGGATGACTATGTCTACTCAAGAGCCACT
TTCTATGGCAGTCCTGATTGCTTAGGGACTCCAAGTATGCGTACTTTCTCAATTAC
TTTTTATGTCGTCATTATTTTAAACAACCATTGCATTTTAGTATTTTCGAGTTGTTGG
GAGAGTACCTGATTCTATTCAATAACACGTTCCCTTAAAAGGAAGGCTCCCCGAA
ACCAAGACGTCTCGGTCATCAAAGGCTCTCTGATAGAATGTGAAGAGCCATTGTT

Nucleotide

>LusEXLB-07

ATGGGGTTTGAAGTCAAGTTTGGTTGTTATTATTGCCTTTTGGGTGCCATGATTTT
GGCCATTTTGCCAAAATCCACCTTTGGGGATGACTATGTCTACTCAAGAGCCACT
TTCTATGGCAGTCCTGATTGCTTAGGGACTCCAAGTATGCGTACTTTCTCAATTAC
TTTTTATGTCGTCATTATTTTAAACAACCATTGCATTTTAGTATTTTCGAGTTGTTGG
GAGAGTACCTGATTCTATTCAATAACACGTTCCCTTAAAAGGAAGGCTCCCCGAA
ACCAAGACGTCTCGGTCATCAAAGGCTCTCTGATAGAATGTGAAGAGCCATTGTT

AAGAATCGTTGCGTCCCAATAACTCGAGTTGTTGGAAGATGGCTCAAGAGTTATA
ACGAAGAGTCTAGAATTTACACACAACCTCCATAAGTCTTGTTCAACAGATTGGAG
AGTACCAAGATTAATAAATCAATACTGCTAGGTCGTCAAAGGCTTTAATACCATG
TTAAGAAATATTACATTCCAATAATTGGAATTATTAGGATACAGTTCAACATCGA
TATTTAGGTAATATAAATATGATTATATTGTCATTTAAAATGTATGATATTTTGAT
TATTCATTTATTTTGTGGATTTTGATTTTTTTTTTTCAGCTGGTGCTTGTGGTTACGG
TGAATTTGGTAGGAATGTGAATGATGCCAACGTGGCTGGTGTCTTAGGCTCTGG
AAGAATGGCACTGGCTGTGGTAATTGCTACCAGGTAATCTAACATCCTCCAACCT
TACGCTAACATCATTAAATCGAACCGATACGAACCCTCTAAATCCAAATATAACTC
GAAACTCACCGATGTTTCTTTCCCTATGTATAGGTGAGGTGCAAGGCACCAAATGT
GTGCAATGAGAACGGAGTGAACGTAGTGGTGACCGACTACGGCGAGGGCGACCA
CACCGACTTCATCCTGAGCCCGCGGGCCTACGGGCGAATGGCCCGGCCTGAGTAT
GCGGCCGAGCTCTACAAATACGGCGTCGTAGATGTCGAATACAAACGTATCCCTT
GCAAGTATGCTGCCTCCAATGTCTTGTTCAAGGTCAATGAGCATAGCAAGTACCC
TAACTACTTAGCCATTGTGCTTCTGTACCAAGGGGGCCAATACGACGTCATTTCTG
CTGAAATCTGGCAGGTTTGTCTGGTCCCAATACGTTTTTTCGATACGATGTTTCGA
ACCACTAAGCACGAGTCTGGTCTCCGTTTTTTCGATACAGGAGGACTGCAAGCAAT
GGAGGGCGATGAGGAAGGCGTACGGGGCAGTGTGGGACGTGGTCTCGCCACCAA
AGGGAGCCATAACACTGAGGTTCCAAGTGATGAGCAGTGTGGAAGTGACATGGA
TCGAGGCCAAGAGTGTTATCCCTGACGAATGGAAAGCCGGTGCCACTTACGACTC
GACCATGCAACTCAACTAA