

IDENTIFICATION

Species: *Linum usitatissimum*

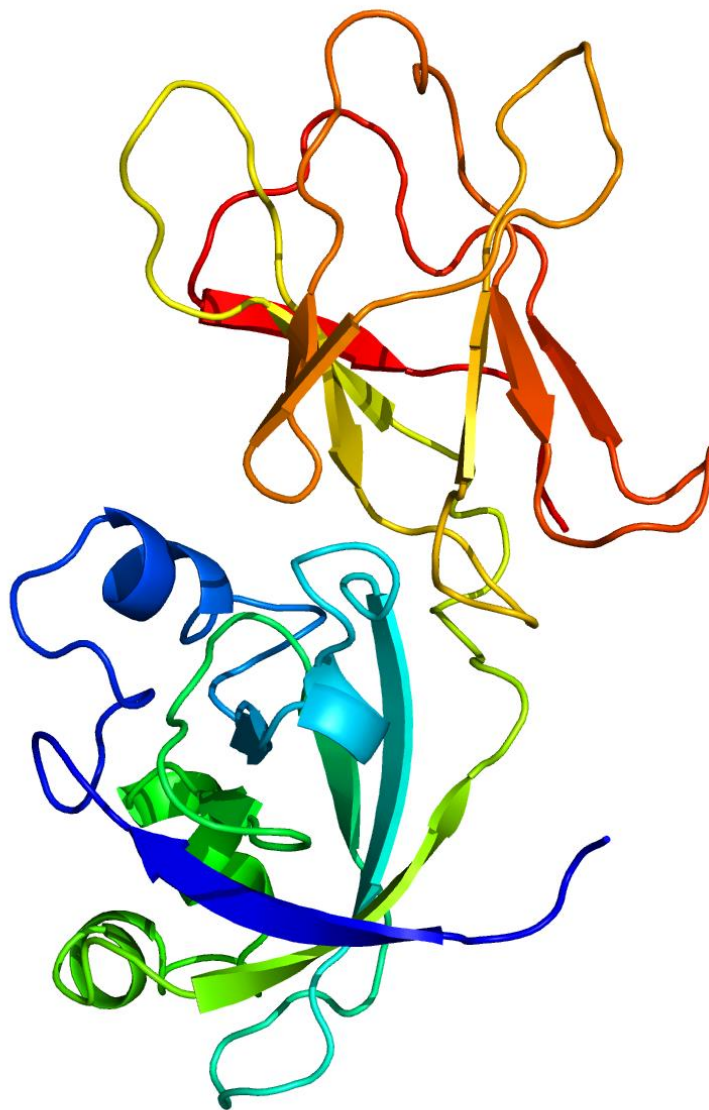
Locus: Lus10000957

Gene Model: Lus10000957

Description: LusEXLB-09

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

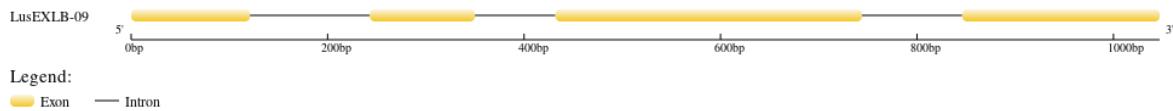
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

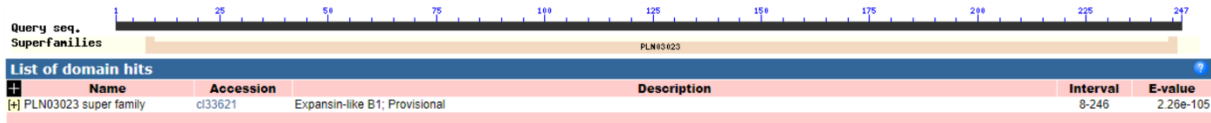
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXLB-09

MSCVLEICLLAFASLLTTASSQFHPSKAVFYRSPDCLGTPSGACGYGIHGRTINNALVGV
VSGLWNNGTGCGACYQVRCKAADLCNQEGITVVVTDNAAADDAHFVLSPHAYGSMAY
PSKTTTELYLLGVVDVDYQRTPCRFPGYNLIFKVEHSRFPHYLAIVPMFYNGEQDIH
GVELQPEGGDKWISMNKAWGAVWDLVPPTGALKLRVKVRNGNGEEKLIEANKALPSSW
KPGAGYDSHVQLS*

CDS (coding sequence)

>LusEXLB-09

ATGAGCTGTGTTCTTGAGATCTGTCTCCTTGCTTTTGCTTCCCTACTAACCCTGC
GTCATCCCAATTCCACCCATCAAAGCTGTGTTCTACCGTAGCCCTGATTGCTTGG
GCACTCCAAGTGGAGCTTGTGGTTATGGCATCCATGGAAGAACCATCAACAATGC
TCTAGTAGGCGGCGTTTCTGGACTCTGGAACAATGGAAGCTGGCTGCGGTGCTTGC
TACCAGGTGAGGTGTAAAGCTGCAGATCTATGCAATCAGGAAGGGATAACAGTA
GTAGTGACTGATAACGCTGCAGCAGACGATGCTCATTTCGTCCCTAAGCCCACACG
CTTACGGCAGCATGGCTTACCCGAGTAAGACCACCGAGCTCTACTTATTAGGGGT
TGTGGACGTGGATTACCAACGTACACCATGCCGGTTCCCTGGTTACAACCTAATC
TTCAAGGTGGTAGAGCATAGCAGGTTCCCTCACTACTTGGCCATAGTTCCTATGTT
CTACAATGGGGAACAAGATATACATGGTGTGCGAATTACAGCCGGAAGGTGGAGA
TAAATGGATAAGTATGAACAAGGCGTGGGGTGC GGTTTGGGACTTGCCTGTTCCA
CCAAGTGGTCTCTTAAGCTTAGGGTCAAAGTACGCAATGGAAATGGAGAGGAG
AAATTGATAGAAGCAAACAAGGCCTTACCGAGTTCATGGAAGCCTGGTGTGCTGGTT
ATGATTCCCATGTCCAGCTTTCTTAA

Nucleotide

>LusEXLB-09

ATGAGCTGTGTTCTTGAGATCTGTCTCCTTGCTTTTGCTTCCCTACTAACCCTGC
GTCATCCCAATTCCACCCATCAAAGCTGTGTTCTACCGTAGCCCTGATTGCTTGG
GCACTCCAAGTAAGGACATTCAAATTCATACCTTCTTTTCTTTCTTTCTTTCT
GTTTTAACTAAAGTTGGTAAATAGTGCTTATCAAACCAAACGAAAAAATAATT
AGTAAATTGGTTTGC GTAGGTGGAGCTTGTGGTTATGGCATCCATGGAAGAACCA
TCAACAATGCTCTAGTAGGCGGCGTTTCTGGACTCTGGAACAATGGAAGCTGGCTG

CGGTGCTTGCTACCAGGTAAAGACTTTTGCAAATTTCCAAACCTGATAAAAATCAT
AAAGAGTACGATAAGATTAATGATCATAACAATTTCTCATCAGGTGAGGTGTAAA
GCTGCAGATCTATGCAATCAGGAAGGGATAACAGTAGTAGTGACTGATAACGCT
GCAGCAGACGATGCTCATTTCGTCCTAAGCCCACACGCTTACGGCAGCATGGCTT
ACCCGAGTAAGACCACCGAGCTCTACTTATTAGGGGTTGTGGACGTGGATTACCA
ACGTACACCATGCCGGTTCCTGGTTACAACCTAATCTTCAAGGTGGTAGAGCAT
AGCAGGTTCCCTCACTACTTGGCCATAGTTCCTATGTTCTACAATGGGGAACAAG
ATATACATGGTGTCTCGAATTACAGCCGGTATGCATTTGATTTCAATTAAGGTTAAC
TCTCTTTATTGATTCCATTTCTTCCTAAAATGAGCAGATCTGGTAATATAACATTT
GGGTTGTGTACTTCAGGAAGGTGGAGATAAATGGATAAGTATGAACAAGGCCTG
GGGTGCGGTTTGGGACTTGCCTGTTCCACCAACTGGTGCTCTTAAGCTTAGGGTC
AAAGTACGCAATGGAAATGGAGAGGAGAAATTGATAGAAGCAAACAAGGCCTTA
CCGAGTTCATGGAAGCCTGGTGCTGGTTATGATTCCCATGTCCAGCTTTCTTAA