

IDENTIFICATION

Species: *Linum usitatissimum*

Locus: Lus10040149

Gene Model: Lus10040149

Description: LusEXLB-01

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

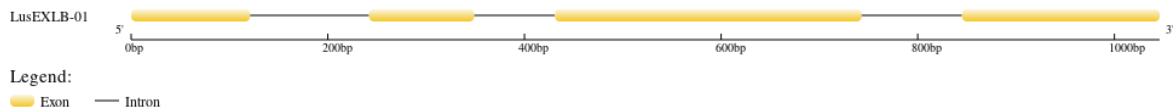
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

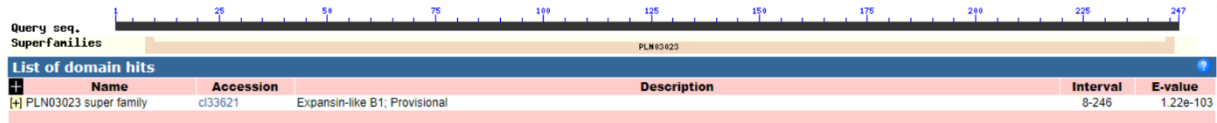
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXLB-01

MSCVLEICLLAFTSLLTIGSSQFHPSKAVFYRSPDCLGTPSGACGYGIHGRRTINNAVVG
GVSGLWNNGTGCGACYQVRCKAADLCNQEGITVVVTDNAAADDAHFVLSAHAYG
SMAYPSKTAELYLLGVVDVDYQRTPCRFPGYNLIFKVVEHSRFPHYLAIVPMFYNGE
QDIHGVELQPEGDKWISMNKAWGAVWDLVPVPTGALKLRVKVRNVNGEEKLIEA
NKALPSSWKPGAGYDSRVQLS*

CDS (coding sequence)

>LusEXLB-01

ATGAGCTGTGTTCTTGAGATCTGTCTCCTTGCTTTTACTTCCCTGCTAACGATTGG
GTCATCCCAATTCCACCCATCAAAGCTGTCTTCTACCGTAGCCCTGATTGCTTGG
GCACTCCAAGTGGAGCCTGTGGTTATGGCATCCATGGAAGAACCATCAACAATGC
TGTAGTGGGTGGCGTTTCTGGACTCTGGAACAATGGAAGCTGGCTGCGGTGCTTGC
TACCAGGTGAGGTGTAAAGCTGCAGATCTATGCAATCAGGAAGGGATTACAGTA
GTAGTCACTGATAACGCTGCAGCAGACGATGCTCATTTCGTCCCTAAGCGCACACG
CTTACGGCAGCATGGCTTACCCGAGTAAGACCGCTGAGCTCTACTTATTAGGGGT
TGTGGATGTGGATTACCAACGTACACCATGCCGGTTCCTCCGGTTACAACCTCATT
TCAAGGTGGTAGAGCATAGCAGGTTCCCTCACTACTTGGCCATAGTTCCTATGTT
TACAATGGGGAACAAGATATACATGGTGTGAATTACAGCCGGAGGGTGGAGAT
AAATGGATAAGTATGAACAAGGCGTGGGGTGGGTTTGGGACTTGCCTGTTCCAC
CAACCGGTGCTCTTAAGCTTAGGGTCAAAGTACGCAATGTAAATGGAGAGGAGA
AATTGATAGAAGCAAACAAGGCCTTACCGAGTTCATGGAAGCCTGGTGGCTGGTTA
TGATTCCCGTGTCCAGCTTTCTTAA

Nucleotide

>LusEXLB-01

ATGAGCTGTGTTCTTGAGATCTGTCTCCTTGCTTTTACTTCCCTGCTAACGATTGG
GTCATCCCAATTCCACCCATCAAAGCTGTCTTCTACCGTAGCCCTGATTGCTTGG
GCACTCCAAGTAAGGACATTCAAATTCATACCTTCTTTCTTTCTTTCTGTTTT
TAACTAAAGTTAGTAAATAGTGCTTACCAAACCAAACAAAATAAAAACTAATT
AGTAAATTGGTTTGGCTAGGTGGAGCCTGTGGTTATGGCATCCATGGAAGAACCA
TCAACAATGCTGTAGTGGGTGGCGTTTCTGGACTCTGGAACAATGGAAGCTGGCTG

CGGTGCTTGCTACCAGGTAAAAGACTTGTGCATATTTCCAAACCTGATAAATCAT
AAAGAGTACGATAAGATTAATGATCATAAATTTTCTCATCAGGTGAGGTGTAAA
GCTGCAGATCTATGCAATCAGGAAGGGATTACAGTAGTAGTCACTGATAACGCTG
CAGCAGACGATGCTCATTTCGTCCCTAAGCGCACACGCTTACGGCAGCATGGCTTA
CCCGAGTAAGACCGCTGAGCTCTACTTATTAGGGGTTGTGGATGTGGATTACCAA
CGTACACCATGCCGGTTCCCCGGTTACAACCTCATTTTCAAGGTGGTAGAGCATA
GCAGGTTCCCTCACTACTTGGCCATAGTTCCTATGTTCTACAATGGGGAACAAGA
TATACATGGTGTCGAATTACAGCCGGTATGCATTTGCTTTTAATTAAGTTTTAACT
CTCTTTATTGATTCCATTTCTTCCTGAAATGAGCAGATCTGGTAATATAACATTCG
GGTTGTGTACTTCAGGAGGGTGGAGATAAATGGATAAGTATGAACAAGGCGTGG
GGTGCGGTTTGGGACTTGCCTGTTCCACCAACCGGTGCTCTTAAGCTTAGGGTCA
AAGTACGCAATGTAAATGGAGAGGAGAAATTGATAGAAGCAAACAAGGCCTTAC
CGAGTTCATGGAAGCCTGGTGCTGGTTATGATTCCCGTGTCCAGCTTTCTTAA