

IDENTIFICATION

Species: *Linum usitatissimum*

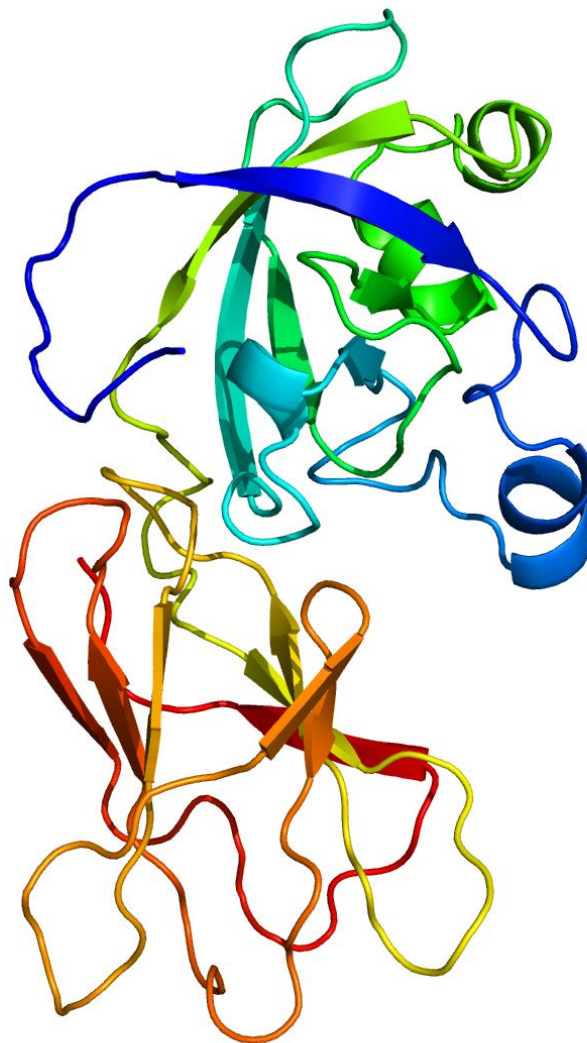
Locus: Lus10001010

Gene Model: Lus10001010

Description: LusEXLB-08

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

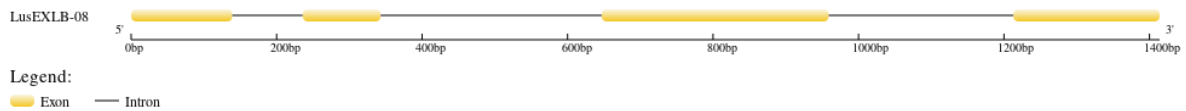
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

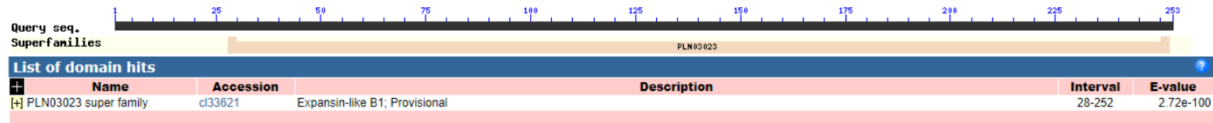
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXLB-08

MTSLLMICLIASASSLLLLPSSSTGASEFRRSVAEYRSPDCLGTSTGACGYGIHGRTIN
GALVAGVSRWDNGYSCGACYQVRCKDNYLCKEEGITVVVTDNASGGNTDFIMSA
HAYGSMAHQNRTDELYWLG MVDVEYRRTPCKFSGYNLIFKVVVEQSRYPEYLAIAPM
FHDGENDIYGLQVMQEGGEEWKTMEKAWGGVWHLPIPPRGS LKLKVQVGN SYGDK
KWIEAKKSLPSSWKPGAAYDSHVQLS*

CDS (coding sequence)

>LusEXLB-08

ATGACTTCTCTTCTTATGATCTGCCTCATTGCTTCTGCATCATCACTGCTGCTGTTG
CCTTCATCATCCACCGGAGCGTCCGAGTTTCGAAGATCGGTGGCCGAGTATTACC
GCAGCCCGGATTGCTTGGGTACATCAACTGGAGCTTGTGGCTATGGAATCCACGG
ACGGACAATCAATGGTGC ACTCGTTGCCGGAGTTTCGAGGCTATGGGACAATGGG
TATAGTTGCGGTGCTTGTACCAGGTTAGATGCAAGGACA ACTACCTATGCAAAG
AGGAAGGCATAACCGTGGTGGTGACCGATAACGCTTCGGGAGGCAACACCGACT
TCATTATGAGCGCTCATGCCTACGGGAGCATGGCTCACCAGAACAGGACCGACG
AGCTCTATTGGTTAGGGATGGTGGACGTCGAATACCGGCGCACACCGTGCAAGTT
CTCGGGCTATAATCTTATTTCAAGGTGGTGGAGCAGAGCAGGTACCCTGAGTAC
TTGGCCATTGCTCCTATGTTCCATGATGGTGAAAATGACATCTATGGTCTGCAAGT
AATGCAGGAAGGTGGCGAGGAATGGAAA ACTATGGAGAAAGCATGGGGTGGAG
TCTGGCACTTG CCTATTCCACCAAGAGGATCCCTTAAGCTTAAGGTCCAAGTTGG
CAACAGCTATGGAGACAAAAAATGGATAGAGGCAAAGAAGTCCTTACCGAGTTC
GTGGAAGCCCGGTGCTGCTTACGATTCCCATGTCCAGCTTTCTTGA

Nucleotide

>LusEXLB-08

ATGACTTCTCTTCTTATGATCTGCCTCATTGCTTCTGCATCATCACTGCTGCTGTTG
CCTTCATCATCCACCGGAGCGTCCGAGTTTCGAAGATCGGTGGCCGAGTATTACC
GCAGCCCGGATTGCTTGGGTACATCAAGTAAGAAGAGTAGTCCTTTCTCTTCCTTC
CTTCTTATGTAGTTCCACAATCGAGGTCCGTTACGGTCATTTACCTTCCTTATTTT
CGGAATTGTAGCTGGAGCTTGTGGCTATGGAATCCACGGACGGACAATCAATGGT
GCACTCGTTGCCGGAGTTTCGAGGCTATGGGACAATGGGTATAGTTGCGGTGCTT

GCTACCAGGTACACCGAAAAATCTTCAAACCTGTTCATTGAGTAATTCGAAATTT
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GAACATTGGGTAGTGGATAACTCTTTATAGCGGTTTGTACCCCATCCTACAACCC
AATTAGGGGTGGGAATCAAGCAGGGTCTGATCGGTTTAGCCTAGCCCGTCCTGGA
CAAACTTTCGAGTAACCTCATCGGTTTCGATCTTTCAGGTTAGATGCAAGGACAAC
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GGCAACACCGACTTCATTATGAGCGCTCATGCCTACGGGAGCATGGCTCACCAGA
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CACCGTGCAAGTTCTCGGGCTATAATCTTATTTTCAAGGTGGTGGAGCAGAGCAG
GTACCCTGAGTACTTGGCCATTGCTCCTATGTTCCATGATGGTGAAAATGACATCT
ATGGTCTGCAAGTAATGCAGGTATGATCTAACCCCTAGCCTTGATTTCGGTAAAG
AAATCGATATGATCTCGACTGTGGAAGTTAAATCAGAGTATGAAACTGAAAAATC
ATGAACCAAAAATCCTGAGAATTTTCAGGTTTTCCAGATTATGAAAAACATACAGAT
CAGTCCTGGTATATTGTCCTCGTACCGAAACCGAATATCGAAAATTTTAGTATCG
GATCTCCGAATTGCTACCCTAATTAAGCCAATGATTCTTCTATCTGACTTGCAGGA
AGGTGGCGAGGAATGGAAAACCTATGGAGAAAGCATGGGGTGGAGTCTGGCACTT
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GGAGACAAAAAATGGATAGAGGCAAAGAAGTCCTTACCGAGTTCGTGGAAGCCC
GGTGCTGCTTACGATTCCCATGTCCAGCTTTCTTGA