

IDENTIFICATION

Species: *Linum usitatissimum*

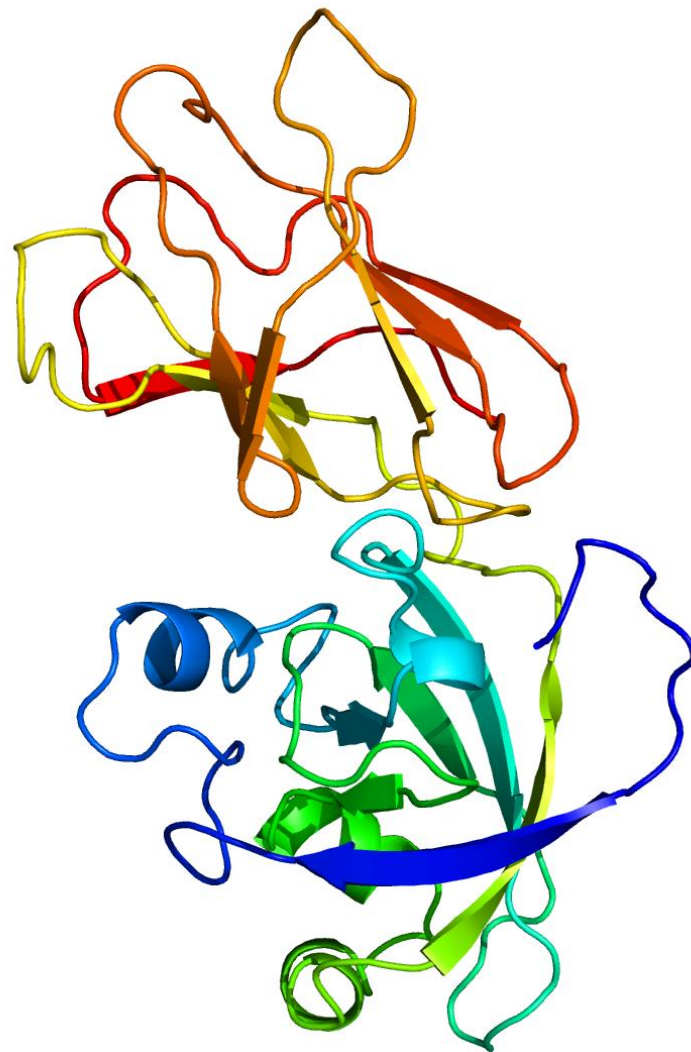
Locus: Lus10011012

Gene Model: Lus10011012

Description: LusEXLB-04

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

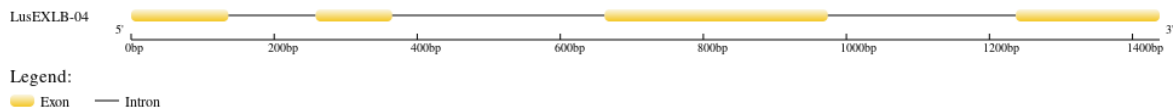
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

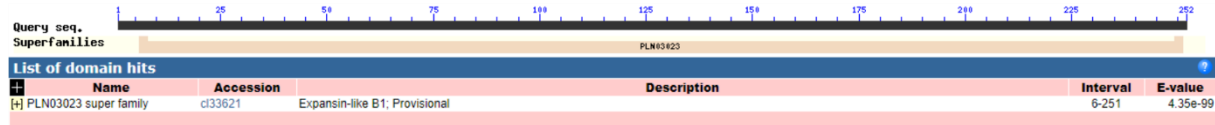
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXLB-04

MSSLFIICLIASASLLLFPSSSTGASEFQRSVAEYYRSSDCLGTSTGACGYGIHGRTLNG
ALVAGVSRWLWDSGYSCGACYQVRCKDNYLCKEEGITVVVTDNASGGNTDFIMSAH
AYGSMARQNRTEELYWLG MVDVEYRRTPCKFSGYNLIFKVVEQSRYPEYLAIPMF
HDGENDIYGLQVMQEGGEEWKTMEKAWGGVWHLPPVPRGSLKLVQVGN SYGDK
KWIEAKKSLPSSWKPGAAYDSHVQLS*

CDS (coding sequence)

>LusEXLB-04

ATGAGTTCTCTTTTTATTATCTGCCTCATTGCTTCTGCATCATTGCTGCTGTTCCCA
TCATCATCGACAGGAGCATCCGAGTTTCAAAGATCGGTGGCCGAGTACTATCGCA
GCTCGGATTGCTTGGGTACATCAACTGGAGCTTGTGGCTATGGAATCCATGGACG
AACCTCAATGGTGC ACTCGTTGCCGGAGTTTCGAGGCTATGGGACAGCGGGTAT
AGTTGCGGTGCTTGTACCAGGTGAGATGCAAGGACA ACTACCTATGCAAGGAG
GAAGGGATAACTGTGGTCGTGACTGACAACGCTTCGGGGGGCAATACCGACTTC
ATCATGAGCGCTCATGCCTACGGGAGCATGGCTCGTCAGAACAGGACAGAGGAG
CTCTACTGGTTAGGCATGGTGGACGTCGAATACCGGCGCACACCTTGCAAGTTTT
CGGGCTATAACCTCATTTC AAGGTCGTGGAGCAGAGCAGATACCCTGAGTACCT
GGCCATTGCCCTATGTTCCATGATGGAGAAAATGACATCTATGGTCTGCAAGTA
ATGCAGGAAGGTGGT GAGGAATGGAAA ACTATGGAGAAAGCATGGGGTGGAGTC
TGGCATTGCTGTTCCACCAAGAGGATCCCTTAAGCTTAAGGTCCAAGTAGGCA
ACAGTTATGGAGACAAGAAATGGATAGAGGCAAAGAAGTCCTTACCGAGTTCGT
GGAAGCCCGGTGCAGCTTACGATTCCCATGTCCAGCTTTCTTGA

Nucleotide

>LusEXLB-04

ATGAGTTCTCTTTTTATTATCTGCCTCATTGCTTCTGCATCATTGCTGCTGTTCCCA
TCATCATCGACAGGAGCATCCGAGTTTCAAAGATCGGTGGCCGAGTACTATCGCA
GCTCGGATTGCTTGGGTACATCAAGTAAGAACAGTAGTCCTTTTTCTCCCTTCT
TTATGCAGTTTTCTAACGATAGAAATCAAACACACGTCGTGATGGAGGTCCATTA
TCGTCATTTACCTTCTTATTTTCGGAGTTGTAGCTGGAGCTTGTGGCTATGGAA
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CAGCGGGTATAGTTGCGGTGCTTGCTACCAGGTAAACAGAAAAATCTTCCAAACC
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ATGTTTGTGAGCTCATAATGTAACGGTGATCGGGTGGACATTGGGTGTGGGTAT
ATCGGATAACTACAGTCAGGTGAACATTGGGTGGTGAATAACTCTTAATACCGGT
TTGCGCCCACCCAATTAGGGGTGGGAATTGAGTCGGGTCTGATCGGTTTAGCCAG
GCCCCGGCCTGGTCAAAGCGTGTTACGAGTAACCTCACAGGTTTCGATCTTTCAGGT
GAGATGCAAGGACAACCTACCTATGCAAGGAGGAAGGGATAACTGTGGTCGTGAC
TGACAACGCTTCGGGGGGCAATACCGACTTCATCATGAGCGCTCATGCCTACGGG
AGCATGGCTCGTCAGAACAGGACAGAGGAGCTCTACTGGTTAGGCATGGTGGAC
GTCGAATACCGGCGCACACCTTGCAAGTTTTTCGGGCTATAACCTCATTTTCAAGG
TCGTGGAGCAGAGCAGATACCCTGAGTACCTGGCCATTGCCCTATGTTCCATGA
TGGAGAAAATGACATCTATGGTCTGCAAGTAATGCAGGTATGATCTATCCTAGCC
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ACCAAACCTGAAAAATCATGAACCAAAAATCCTGAGAATTTTCAGGTTTTCCGGATTA
TGAAAAACATACAGATTAGTCCGGGTATATTGTCCTCATACCAAAACCGAATGTC
GAAAATTTTAGTATTGAAATCGACTAAATCTCCGAATTGCTACCGTAATTAAGCC
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AAAGCATGGGGTGGAGTCTGGCATTTCCTGTTCCACCAAGAGGATCCCTTAAGC
TTAAGGTCCAAGTAGGCAACAGTTATGGAGACAAGAAATGGATAGAGGCAAAGA
AGTCCTTACCGAGTTCGTGGAAGCCCCGGTGCAGCTTACGATTCCCATGTCCAGCT
TTCTTGA