

IDENTIFICATION

Species: *Linum usitatissimum*

Locus: Lus10042095

Gene Model: Lus10042095

Description: LusEXLB-02

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

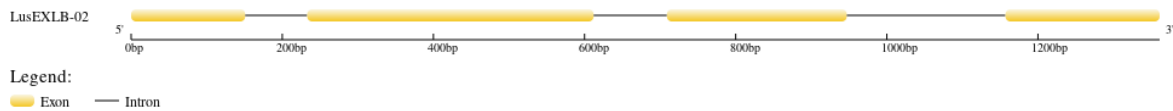
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

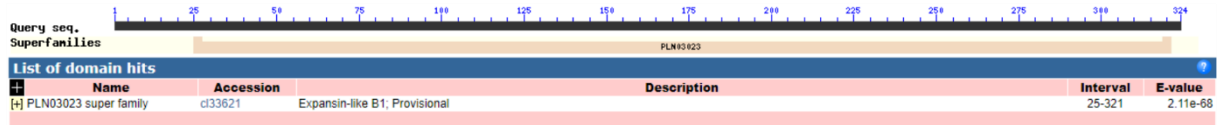
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXLB-02

MANPLQFLAASFVVLVLIHSTASHAATCGSDDCFTSSRAAHYPNSEEFGTASGACGFGS
FGATLNGGEVA AVSDLYRNGIGCGACYQVKLHFEKPNLSSRPNSGSIFVSLKKFGSK
QVKCTNSNYCTDKGTTVVITDQGTSHNTGFILSRRAISGMAQTKDSAASLLALGIIDIE
YKRVSCSYPNKNVTIKIDENSNYPHYLAFVIWYQQGQRDVTAVHLCEVWILLIEKV
MRNVCLEPNKNRWSDRERPLNQFSLTQNFTCKVLERSYGAVWTVTSPPTGLLSLRM
LFTDENGDEARGVPATSIPSNWKAGDLYDTGLQVNL*

CDS (coding sequence)

>LusEXLB-02

ATGGCTAACCCTCTTCAATTCCTTGCTGCAAGTTTTGTACTTGTCTTGATTCACAG
TACTGCATCACATGCTGCAACATGCGGCAGTGACGACTGCTTCACTTCTTCTCGA
GCTGCTCACTATCCCAACTCCGAGGAGTTCGGAACAGCTTCAGGAGCATGTGGGT
TTGGTTCAATTTGGAGCAACACTGAATGGAGGAGAAGTGGCCGCTGTATCTGATCT
GTACCGCAACGGCATTGGCTGCGGTGCTTGCTATCAGGTTAACTCCACTTCGAA
AAACCGAATCTATCATCAAGACCTAATTCTGGTTCGATTTTTGTGCTCAAAAA
GTTTGGTTCAAACAGGTGAAGTGCACCAATAGCAACTACTGTACAGACAAAGG
AACAACAGTCGTGATAACCGACCAAGGAACGAGCCATAACACCGGGTTCATCCT
TAGCAGACGAGCCATCTCTGGGATGGCTCAGACTAAAGACTCGGCTGCATCACTG
CTAGCCCTTGGCATCATAGACATCGAATATAAACGGGTTTCATGCAGCTACCCGA
ACAAGAACGTAACGATAAAGATCGATGAGAATAGCAACTACCCTCACTACCTTG
CCTTTGTCATATGGTATCAGCAAGGCCAGCGAGATGTTACTGCTGTGCATCTCTGT
GAGGTATGGATACTTCTGTTGATAGAGAAGGTTATGAGGAATGTGTGCTTAGAAC
CGAACAAGAACCGTTGGTCAGATCGTGAACGACCACTAAACCAGTTCAGTCTAAC
ACAGAATTTACATGCAAGGTTCTGGAGAGGAGCTATGGAGCAGTGTGGACAGT
GACCTCACCACTACGGGACTATTATCGCTGAGGATGTTGTTACCCGACGAAAAT
GGTGATGAGGCCCGGGCGTCCCTGCAACCAGCATAACCGAGTAACTGGAAAGCT
GGAGATTTATATGACACTGGATTGCAAGTGAACCTTGA

Nucleotide

>LusEXLB-02

ATGGCTAACCCTCTTCAATTCCTTGCTGCAAGTTTTGTACTTGTCTTGATTACAG
TACTGCATCACATGCTGCAACATGCGGCAGTGACGACTGCTTCACTTCTTCTCGA
GCTGCTCACTATCCCAACTCCGAGGAGTTCGGAACAGCTTGTAAGCACGATTGTT
CGATTCTGGTTTTAAGTGCCCGCTAACCATAATCTTTATGTTGACTTCTCCTATTG
GTCAACTACAGCAGGAGCATGTGGGTTTTGGTTCATTTGGAGCAAACTGAATGGA
GGAGAAGTGGCCGCTGTATCTGATCTGTACCGCAACGGCATTGGCTGCGGTGCTT
GCTATCAGGTTAAACTCCACTTCGAAAAACCGAATCTATCATCAAGACCTAATTC
TGGTTCGATTTTTGTGTCACTCAAAAAGTTTGGTTCAAAACAGGTGAAGTGCACC
AATAGCAACTACTGTACAGACAAAGGAACAACAGTCGTGATAACCGACCAAGGA
ACGAGCCATAACACCGGGTTCATCCTTAGCAGACGAGCCATCTCTGGGATGGCTC
AGACTAAAGACTCGGCTGCATCACTGCTAGCCCTTGGCATCATAGACATCGAATA
TAAACGGTAATGGCTAGCAGCGGTTTGATACTGGACTTGTTATGAATTGTTATAT
CCCCTAATTCAAACAAGAACCTAACTAATTAGGGTTCAACTATGTAGGGTTTCA
TGCAGCTACCCGAACAAGAACGTAACGATAAAGATCGATGAGAATAGCAACTAC
CCTCACTACCTTGCCTTTGTCATATGGTATCAGCAAGGCCAGCGAGATGTTACTGC
TGTGCATCTCTGTGAGGTATGGATACTTCTGTTGATAGAGAAGGTTATGAGGAAT
GTGTGCTTAGAACCGAACAAGAACCGTTGGTCAGATCGTGAACGACCACTAAAC
CAGTTCAGTCTAGTAAACATAACTATTTTAAACGAACGATTAATAATTGATTGAAC
TAGACCGTAAAAGTGAAGATATACATGTTCTTTAAACAGTTACCCATCCCGATCG
ACCCTATCACTCGTCCAGTACGAAAAACCTACGAAAGGCATTGGAGTATTAACCT
CCACTTCTGCTTCTGTCTATTATCAATGAACTGAGCTTTCGCTTTCAATTGTGCA
GACACAGAATTTACATGCAAGGTTCTGGAGAGGAGCTATGGAGCAGTGTGGAC
AGTGACCTCACCACCTACGGGACTATTATCGCTGAGGATGTTGTTACCCGACGAA
AATGGTGATGAGGCCCGGGCGTCCCTGCAACCAGCATAACCGAGTAACTGGAAA
GCTGGAGATTTATATGACACTGGATTGCAAGTGAACCTTTGA