

## IDENTIFICATION

**Species:** *Linum usitatissimum*

**Locus:** Lus10001244

**Gene Model:** Lus10001244

**Description:** LusEXLB-06

**Family:** Expansin Like Beta

**3D structure:**



## GENOME DATABASES

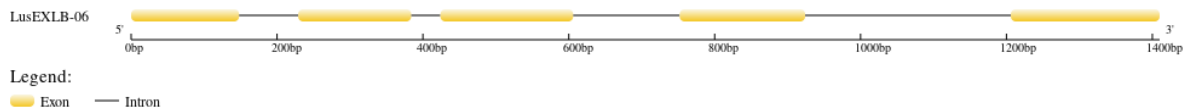
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Lusitatissimum\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0)

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

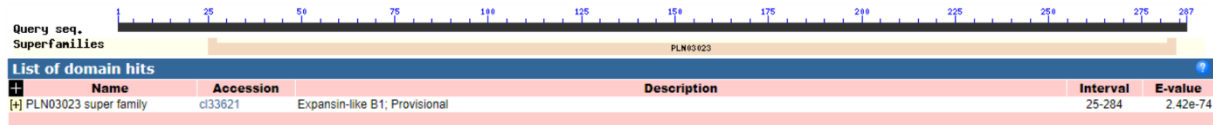
## EXTERNAL RESOURCES

-

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>LusEXLB-06

MANSLQFLVASFVLLLIHSTASHAATCRSDCFTSSRAAHYPNSEELGTASGACGFGSF  
GATLNGGEVAAVSDLYRNGIGCGACYQVELHFRKPTHRRDQILVKCTNSNYCTDKG  
TTVVITDQGTSHNTGFILSRRRAISGMAQTKDSAASLLALGIIDIEYKRYPNKNITIKIDE  
NSNYPHYLA FVIWYQQGQRDVTAVQLCEVWKQLSGWNRTRTFGQTTQNFTCKVLE  
RSYGAVWTVTSPPTGLLSLRMLFTDENGDES WVVPATSIPSNWKAGDLYDTGLQVN  
L\*

### CDS (coding sequence)

>LusEXLB-06

ATGGCTAACTCTCTTCAATTCCTTGTGCAAGTTTTGTA CTTCTCTTGATTCACAGT  
ACTGCATCACATGCTGCAACATGCAGAAGTGACTGCTTCACTTCTTCTCGAGCTG  
CTCACTATCCCAACTCCGAGGAACTCGGAACAGCTTCAGGAGCATGTGGGTTTGG  
TTCATTTGGAGCAACACTAAATGGAGGAGAAGTAGCTGCTGTTTCTGATCTATAC  
CGTAACGGTATTGGCTGCGGTGCTTGCTATCAGGTTGAACTCCACTTCCGAAAAC  
CAACTCATCGTCGAGACCAAATTCTGGTGAAGTGCACTAATAGCAACTACTGTAC  
AGACAAAGGAACAACAGTCGTGATAACCGACCAAGGAACGAGCCATAACACCGG  
GTTTCATCCTTAGCAGACGAGCCATTTCTGGGATGGCTCAGACTAAAGACTCCGCT  
GCATCGCTGCTAGCCCTTGGCATCATAGACATCGAATATAAACGCTACCCGAACA  
AGAACATAACGATAAAGATTGATGAGAATAGCAACTACCCACACTACCTTGCCTT  
TGTCATATGGTATCAGCAAGGCCAGCGAGATGTTACTGCTGTGCAGCTCTGTGAG  
GTATGGAAACAGTTGTCTGGCTGGAATCGGACTAGAACCTTCGGTCAGACCACAC  
AGAATTTACATGCAAGGTTCTGGAGAGGAGCTACGGAGCAGTGTGGACAGTAA  
CCTCACCTCCTACGGGGCTATTATCGCTGAGGATGTTGTTACCGACGAAAATGG  
TGATGAGTCCTGGGTTGTCCCTGCAACTAGCATAACCCAGTAACTGGAAAGCTGGA  
GATTTATATGACTGATTGCAAGTGAACCTTTGA

### Nucleotide

>LusEXLB-06

ATGGCTAACTCTCTTCAATTCCTTGTGCAAGTTTTGTA CTTCTCTTGATTCACAGT  
ACTGCATCACATGCTGCAACATGCAGAAGTGACTGCTTCACTTCTTCTCGAGCTG  
CTCACTATCCCAACTCCGAGGAACTCGGAACAGCTTGTAAAGCACGATAGTTTCGAT

TCTCGATTTAAGGGCCACTAACCATAATCTTTATGTAACTTATCCTATTGATCAA  
CTACAGCAGGAGCATGTGGGTTTGGTTCATTTGGAGCAACACTAAATGGAGGAG  
AAGTAGCTGCTGTTTCTGATCTATACCGTAACGGTATTGGCTGCGGTGCTTGCTAT  
CAGGTTGAACTCCACTTCCGAAAACCAACTCATCGTCGAGACCAAATTTCTGGTTC  
GATTTTTGTTTCACTAAATTTTTTTGTTCAAAACAGGTGAAGTGC ACTAATAGCAA  
CTACTGTACAGACAAAGGAACAACAGTCGTGATAACCGACCAAGGAACGAGCCA  
TAACACCGGGTTCATCCTTAGCAGACGAGCCATTTCTGGGATGGCTCAGACTAAA  
GACTCCGCTGCATCGCTGCTAGCCCTTGGCATCATAGACATCGAATATAAACGGT  
AATGGCTAGCAGCAGTTTGATATTGGATTTGTTATGAATTATTGTATCCCACTAAT  
TTGAATTGTCGAAAGAGAGTTTAAATTGGTTCATTATTTTATTCATCAGCGAGACTA  
ATTAGGGTTCAACTATGTAGGGTTTCATGCAGCTACCCGAACAAGAACATAACGA  
TAAAGATTGATGAGAATAGCAACTACCCACACTACCTTGCCTTTGTCATATGGTA  
TCAGCAAGGCCAGCGAGATGTTACTGCTGTGCAGCTCTGTGAGGTATGGAAACAG  
TTGTCTGGCTGGAATCGGACTAGAACCTTCGGTCAGACCGTGAAAATCATGAAAA  
CCACTAAATCAATTCAATCTAGTTAAACATACTATTTCAAACGAACCATTACAAT  
CGATTGAACTATAGCATAAAAATTAGTAAACATGAAGCTATGGTCTAATAATGTG  
ACATGTTTGTAAATGGTTATCCATCCCAAATCACCATCGAAATATCGACCATATC  
ACTCGTCCAGTATGAAAAACCTACAGAAATGCATTAAACTTCCTCTTCTGCTTCAT  
GTCCTATTATCAATGAACTGAGCTTCTCACTTTCAATTTCCCAGACACAGAATTC  
ACATGCAAGGTTCTGGAGAGGAGCTACGGAGCAGTGTGGACAGTAACCTCACCT  
CCTACGGGGCTATTATCGCTGAGGATGTTGTTACCCGACGAAAATGGTGATGAGT  
CCTGGGTTGTCCCTGCAACTAGCATACCCAGTAACTGGAAAGCTGGAGATTTATA  
TGACACTGGATTGCAAGTGAACCTTTGA