

IDENTIFICATION

Species: *Linum usitatissimum*

Locus: Lus10003336

Gene Model: Lus10003336

Description: LusEXLA-03

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

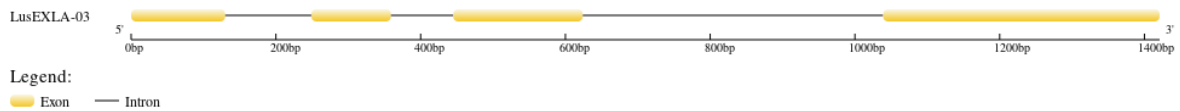
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

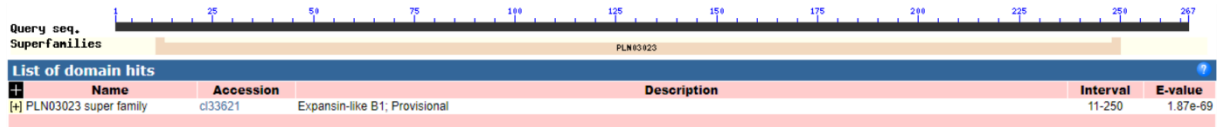
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXLA-03

MANLSLISSPFLLLLTISSATACDRCVHKTQVAYFSTSSALSNGACGYGSLAFRFNAG
QLAAAIPSVYKNGAGCGACFQIRCKNPSLCSTKGTTVMVTDLNTSNNTDFVLSRTAF
SAMASKGKASDVLKLGVTDVEYKRVPCDLKAKNLTLRVEESSQKPHYLAIKVLHQG
GQTEIVAMDVARVGSSNWAFLSRNYGAVWDTSRVPIGPLQFRFVVTGGFDGKWWV
AQKAVLPEDWKNGMVYDTGLQIDDIAQEPCSPCDDSNWK*

CDS (coding sequence)

>LusEXLA-03

ATGGCTAATCTTTCATTAATTTCCCTCCCCGTTCCCTCCTCCTACTGACCATCATCTCA
TCAGCAACAGCCTGCGATCGCTGTGTTTCATAAAAACCAAAGTCGCTTACTTCTCCA
CATCCTCTGCTCTTTCCTAATGGTGCTTGTGGCTACGGTTCCTTGGCGTTTAGATTC
AACGCCGGCCAACTCGCGGCTGCTATCCCTTCCGTTTACAAGAATGGCGCCGGCT
GCGGTGCTTGCTTCCAGATTAGATGCAAGAACCCTAGCTTATGCAGTACCAAGGG
AACTACTGTAATGGTCACAGACCTTAATACGAGTAACAACACAGATTTTCGTTCTT
AGCCGTACAGCTTTCAGTGCCATGGCTAGCAAGGGGAAAGCTTCAGACGTTTTGA
AACTTGGTGTCACTGATGTCGAGTACAAAAGGGTGCCATGTGATTTGAAGGCCAA
GAACTTGACATTGAGAGTGGAGGAATCAAGCCAGAAGCCACACTACTTGGCCAT
CAAGGTGCTACACCAAGGAGGCCAAACCGAGATTGTAGCGATGGACGTAGCTAG
AGTAGGTTCTTCGAACTGGGCCTTCTGAGCAGGAATTACGGGGCCGTTTGGGAC
ACGAGCCGTGTCCCTATAGGACCACTTCAGTTCAGGTTTGTGGTGACGGGCGGGT
TCGATGGGAAGTGGGTATGGGCGCAGAAGGCGGTCCTTCTGAGGATTGGAAGA
ACGGGATGGTCTACGACACTGGGCTGCAGATCGATGACATTGCTCAAGAGCCTTG
CTCGCCTTGTGACGATTTCGAATTGGAAGTGA

Nucleotide

>LusEXLA-03

ATGGCTAATCTTTCATTAATTTCCCTCCCCGTTCCCTCCTCCTACTGACCATCATCTCA
TCAGCAACAGCCTGCGATCGCTGTGTTTCATAAAAACCAAAGTCGCTTACTTCTCCA
CATCCTCTGCTCTTTCCTAGTACGTCGGCCCAATCATTTCCTCCTCTGTTTTTCCCT
CTTCTGCTCTGTTTTCTGATAAAAAAAAAAACAGATTTCCCAAACCTGACCCTGTT

GGAAAATCTCTTCTTTTATGCAGATGGTGCTTGTGGCTACGGTTCCTTGGCGTTT
AGATTCAACGCCGGCCAACCTCGCGGCTGCTATCCCTTCCGTTTACAAGAATGGCG
CCGGCTGCGGTGCTTGCTTCCAGGTGATTTTAAACGTTTCGGTTCAGCCACTGG
TTCGACCTTTCTGAGTTGTTAGGACTAAGCGGTTTCGGTTCGGTATGTTGACAGATT
AGATGCAAGAACCCTAGCTTATGCAGTACCAAGGGAACACTGTAAATGGTCACA
GACCTTAATACGAGTAACAACACAGATTTTCGTTCTTAGCCGTACAGCTTTCAGTG
CCATGGCTAGCAAGGGGAAAGCTTCAGACGTTTTGAAACTTGGTGTCACTGATGT
CGAGTACAAAAGGTACATATTTTACATACATTACCAGTTAATTCATGTTTCCAAA
ACTCGAGGTACCAAGATGAAACATCGACACTGGTTTGAGCAAGACCAAGAATCT
CCATGGTCGAAATCTCGACATTGTAGTATTAGTCGGATGGAAAAGGCATCGTCGG
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TAAAAAATCATCGGTTTCACTATTTTATTATATTTTATTACAGCGAAACAATTGTT
ATAAAATAATGTTATGAAATATGTTTAAATATATAGTGTGATTTTGGAGGTAGGG
TAGTCCAATTAATTGTTTAGTGATAATGGTTTTGTTACACCAAACCATATCATATA
TTTATAACATTTTAATAATAAAACTTTATTGTTTTTTCAGGGTGCCATGTGATTTG
AAGGCCAAGAACTTGACATTGAGAGTGGAGGAATCAAGCCAGAAGCCACACTAC
TTGGCCATCAAGGTGCTACACCAAGGAGGCCAAACCGAGATTGTAGCGATGGAC
GTAGCTAGAGTAGGTTCTTCGAACTGGGCCTTCCTGAGCAGGAATTACGGGGCCG
TTTGGGACACGAGCCGTGTCCCTATAGGACCACTTCAGTTCAGGTTTGTGGTGAC
GGGCGGGTTCGATGGGAAGTGGGTATGGGCGCAGAAGGCGGTTCCTTCCTGAGGA
TTGGAAGAACGGGATGGTCTACGACACTGGGCTGCAGATCGATGACATTGCTCAA
GAGCCTTGCTCGCCTTGTGACGATTCGAATTGGAAGTGA