

IDENTIFICATION

Species: *Linum usitatissimum*

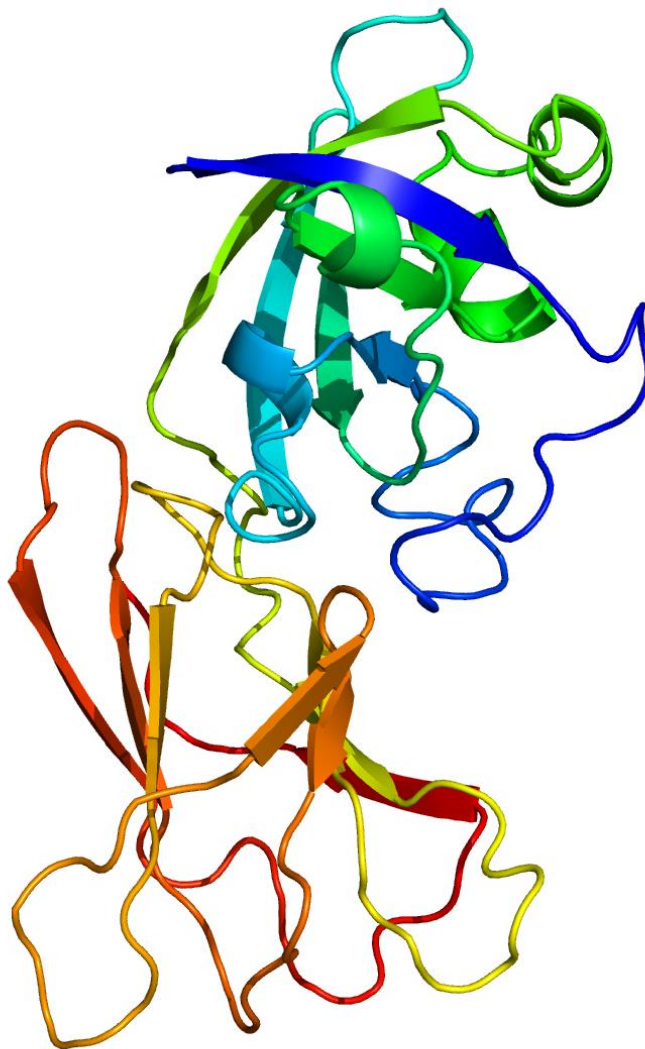
Locus: Lus10023968

Gene Model: Lus10023968

Description: LusEXLA-02

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

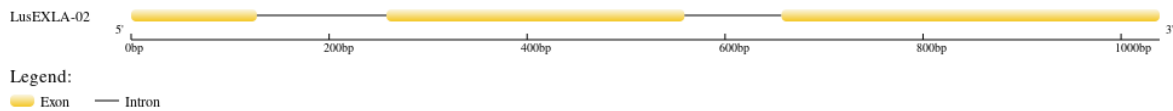
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

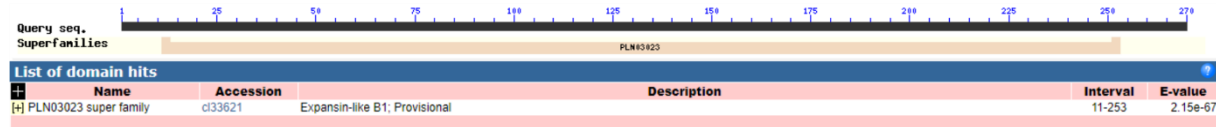
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXLA-02

MASASLLSVPFLFFLLASSITACDRCTHQTKVGYFSNPNALPNGACGYRSMVRFNS
GMLAAAAPSLYKNGAGCGACFQIRCKKPGLCSSRGTTVIVTDQVTTNKTAAATDFV
LSNRAFMALANPGKAQSILELGTADVEYKRVPCDLKTQNLAVRVEESSRKPNHLAIK
VLYQGGQTEIVGIDVARIGSSNWAFLSRNHGAVWEMDRVPEGPLHFRFMVTGGFDG
KWVWAEKAVLPGDWKVGVVYDTGLQISDIAQEPCSPCDDSTWK*

CDS (coding sequence)

>LusEXLA-02

ATGGCATCAGCTTCACTACTCTCTGTTCCCTTTCTCTTCTTCTTGCTTGCTTCCTCC
ATAACTGCCTGCGATCGCTGCACCCATCAAACCAAGGTTGGATATTTCTCCAACC
CCAATGCTCTCCCAAATGGTGCTTGTGGGTATAGATCAATGGCAGTCCGCTTCAA
CAGCGGAATGCTCGCAGCTGCTGCTCCTTCTCTTTACAAGAATGGCGCTGGCTGC
GGCGCTTGCTTCCAGATACGATGCAAGAAACCAGGTTTGTGTAGCAGCAGGGGC
ACAACAGTCATTGTGACTGACCAAGTTACGACCAACAAGACCCGAGCAGCAACG
GATTCGTCTTAGCAACAGAGCTTTCATGGCGTTGGCCAACCCTGGCAAGGCC
AGAGCATCTTGGAACTTGGCACTGCAGATGTCTGAATACAAACGGGTGCCATGTGA
TTTGAAGACCCAGAACCCTGGCGGTTAGAGTGGAGGAATCGAGCAGAAAACCGAA
CCATTTGGCGATCAAGGTGTTGTACCAAGGTGGGCAAACCGAGATTGTGGGGATA
GACGTGGCCAGAATCGGTTCTGTTCAACTGGGCTTTCCTGAGCAGGAACCATGGGG
CCGTGTGGGAGATGGACCGGCTTCTGAAGGCCCGCTGCATTTACAGGTTTCATGGT
GACCGGCGGGTTCGATGGGAAATGGGTTTGGGCCGAGAAGGCGGTTCTGCCCGG
AGATTGGAAAGTCGGGGTGGTTTACGACACTGGGCTTCAGATTAGTGACATTGCT
CAGGAGCCTTGCTCGCCCTGCGACGATTCCACCTGGAAATGA

Nucleotide

>LusEXLA-02

ATGGCATCAGCTTCACTACTCTCTGTTCCCTTTCTCTTCTTCTTGCTTGCTTCCTCC
ATAACTGCCTGCGATCGCTGCACCCATCAAACCAAGGTTGGATATTTCTCCAACC
CCAATGCTCTCCAAAGTAAGTCTAGCTACTTACATTACATTACACACCTCTGTTC
CTCTGTTTTTGGCGACGGCCAGTTGAGATCATGGCGAGATTTACAATGGGTAAC

ACTTTGTGTTTTCAATTTTTGCTTTTTCCGCGCAGATGGTGCTTGTGGGTATAGATC
AATGGCAGTCCGCTTCAACAGCGGAATGCTCGCAGCTGCTGCTCCTTCTCTTTACA
AGAATGGCGCTGGCTGCGGCGCTTGCTTCCAGATACGATGCAAGAAACCAGGTTT
GTGTAGCAGCAGGGGCACAACAGTCATTGTGACTGACCAAGTTACGACCAACAA
GACCGCAGCAGCAACGGATTTTCGTCCTTAGCAACAGAGCTTTCATGGCGTTGGCC
AACCTGGCAAGGCCAGAGCATCTTGGAACCTGGCACTGCAGATGTCTGAATACA
AACGGTGAAACATTTGTTATTAAGTATATTAACGGTACAGACCAACCAAAAA
AAAGTATTAACACTACTAAATTTAAATTCCATTTTTTGTGATGATGCAGGGTGCCAT
GTGATTTGAAGACCCAGAACCTGGCGGTTAGAGTGGAGGAATCGAGCAGAAAAC
CGAACCATTTGGCGATCAAGGTGTTGTACCAAGGTGGGCAAACCGAGATTGTGG
GGATAGACGTGGCCAGAATCGGTTTCGTCCAACCTGGGCTTTCCTGAGCAGGAACCA
TGGGGCCGTGTGGGAGATGGACCGCGTTCCTGAAGGCCCGCTGCATTTACAGGTTT
ATGGTGACCGGCGGGTTCGATGGGAAATGGGTTTGGGCCGAGAAGGCGGTTCTG
CCCGGAGATTGGAAAGTCGGGGTGGTTTACGACACTGGGCTTCAGATTAGTGACA
TTGCTCAGGAGCCTTGCTCGCCCTGCGACGATTCCACCTGGAAATGA