

IDENTIFICATION

Species: *Linum usitatissimum*

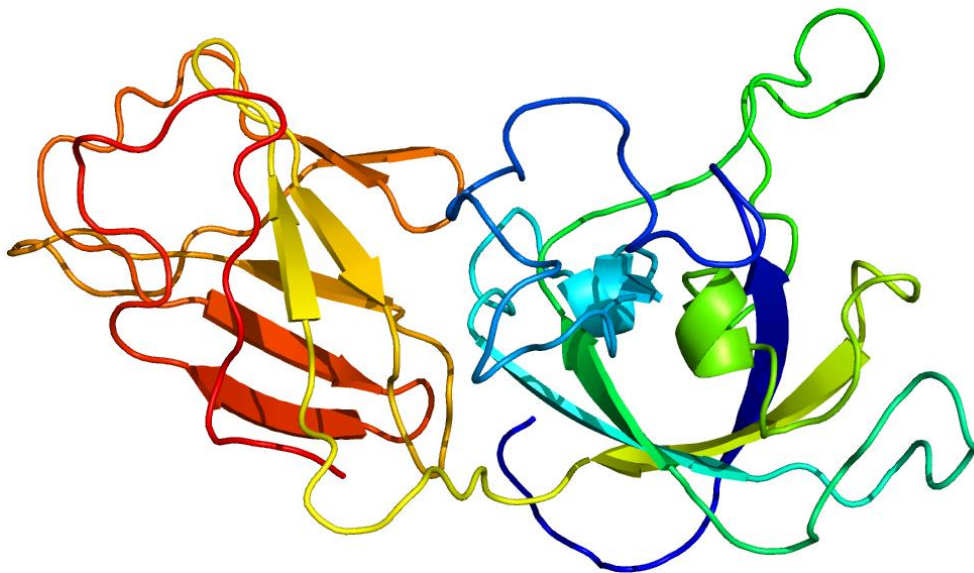
Locus: Lus10038013

Gene Model: Lus10038013

Description: LusEXPA-25

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

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

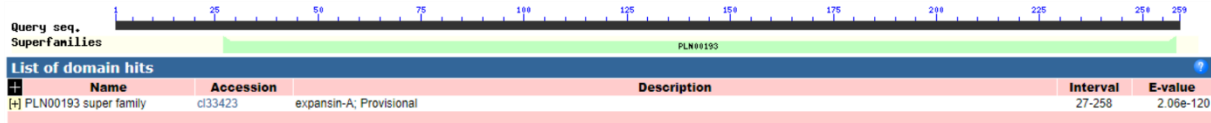
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXPA-25

MASKGFSFSIYVALGLLLLSTNFRPASAAWLRAHATFYGGSDASGTMGGACGYGN
LYTDGYGTNSAALSTALFNDGKSCGGCYQIVCDGTRVPQWCRRGTYITVTATNLCPP
NYNLPNDDGGWCNPPRPHFDMSQPAFLTIAQYKAGIVPIFYRRVGCRRSGGIRFTING
RSYFELVLISNVGGVGEISMIWVRGSKTNKWESMSRNWGSNWQSLTYLTGQTLFRL
QGSNGQIRTALNVVPSNWQFGQSFKSSTQF*

CDS (coding sequence)

>LusEXPA-25

ATGGCGTCTAAAGGTTTCTCCTTCAGCATTTATGTCGCCCTCGGCCTGCTGCTGCT
GCTGTCGACAAACTTCCGGCCAGCCTCCGCGGCATGGCTTAGAGCGCATGCCACT
TTCTACGGCGGCAGCGACGCTTCCGGTACTATGGGCGGAGCTTGCGGGTATGGAA
ATCTGTACACGGATGGTTACGGGACCAACTCTGCGGCGCTAAGCACCGCACTTTT
CAACGACGGTAAATCCTGCGGTGGTTGTTACCAAATTGTCTGCGACGGCACTCGA
GTTCCGCAGTGGTGCCGACGAGGA ACTTACATCACCGTCACCGCCACGAATCTCT
GCCCTCCCAACTACAATCTTCCCAACGACGATGGTGGGTGGTGTAACCCTCCCCG
CCCGCATTTGACATGTCTCAACCCGCCTTCCTCACCATTGCTCAGTACAAGGCCG
GAATAGTCCCATTTTCTACCGGAGGGTTGGGTGTCGGAGAAGTGGAGGCATTAG
GTTTACAATTAACGGTAGGAGCTACTTCGAATTGGTGCTTATATCCAACGTCGGT
GGAGTCGGGGAAATTTCAATGATTTGGGTGAGAGGTTCAAAA ACTAACAAATGG
GAATCCATGTCGAGAAATTGGGGATCCAATTGGCAGAGCTTGACCTACCTACTG
GCCAAACTCTATCATTTTCGTCTTCAAGGCAGTAACGGTCAGATTCGTACTGCTCTT
AATGTCGTCCCTTCAA ACTGGCAATTCGGCCAGTCGTTCAAATCCAGTACTCAATT
CTGA

Nucleotide

>LusEXPA-25

ATGGCGTCTAAAGGTTTCTCCTTCAGCATTTATGTCGCCCTCGGCCTGCTGCTGCT
GCTGTCGACAAACTTCCGGCCAGCCTCCGCGGCATGGCTTAGAGCGCATGCCACT
TTCTACGGCGGCAGCGACGCTTCCGGTACTATGGGTACGTAACGTACAATCCATT
ACCTAAA ACTATATAGACGTAGTAAAAGTACGTA ACTGACTCTTGAAAATAAATA
AAGGTTCTAAAATTATTTCCGATTTTTTTTAATCTGCAGGCGGAGCTTGCGGGTATG

GAAATCTGTACACGGATGGTTACGGGACCAACTCTGCGGCGCTAAGCACCGCACT
TTTCAACGACGGTAAATCCTGCGGTGGTTGTTACCAAATTGTCTGCGACGGCACT
CGAGTTCCGCAGTGGTGCCGACGAGGAACTTACATCACCGTCACCGCCACGAATC
TCTGCCCTCCCAACTACAATCTTCCCAACGACGATGGTGGGTGGTGTAACCCTCC
CCGCCCGCATTTCGACATGTCTCAACCCGCCTTCCTCACCATTGCTCAGTACAAGG
CCGGAATAGTCCCCATTTTCTACCGGAGGTACGTATAATAATATATGTCGCAACT
TTAACCTTAATCGATCGAGTCCACTCGATCAAACCAAACAATAAACCATGATT
TTTTTTTTCTAGTGGTCGTATTTAGTCCTAATTTTGGGGCACTTGTGTTGGTATAACA
CAGGGTTGGGTGTCGGAGAAGTGGAGGCATTAGGTTTACAATTAACGGTAGGAG
CTACTTCGAATTGGTGCTTATATCCAACGTCGGTGGAGTCGGGGAAATTTCAATG
ATTTGGGTGAGAGGTTCAAAAATAACAAATGGGAATCCATGTCGAGAAATTGG
GGATCCAATTGGCAGAGCTTGACCTACCTTACTGGCCAAACTCTATCATTTTCGTCT
TCAAGGCAGTAACGGTCAGATTCGTACTGCTCTTAATGTCGTCCCTTCAAACCTGG
CAATTCGGCCAGTCGTTCAAATCCAGTACTCAATTCTGA