

IDENTIFICATION

Species: *Linum usitatissimum*

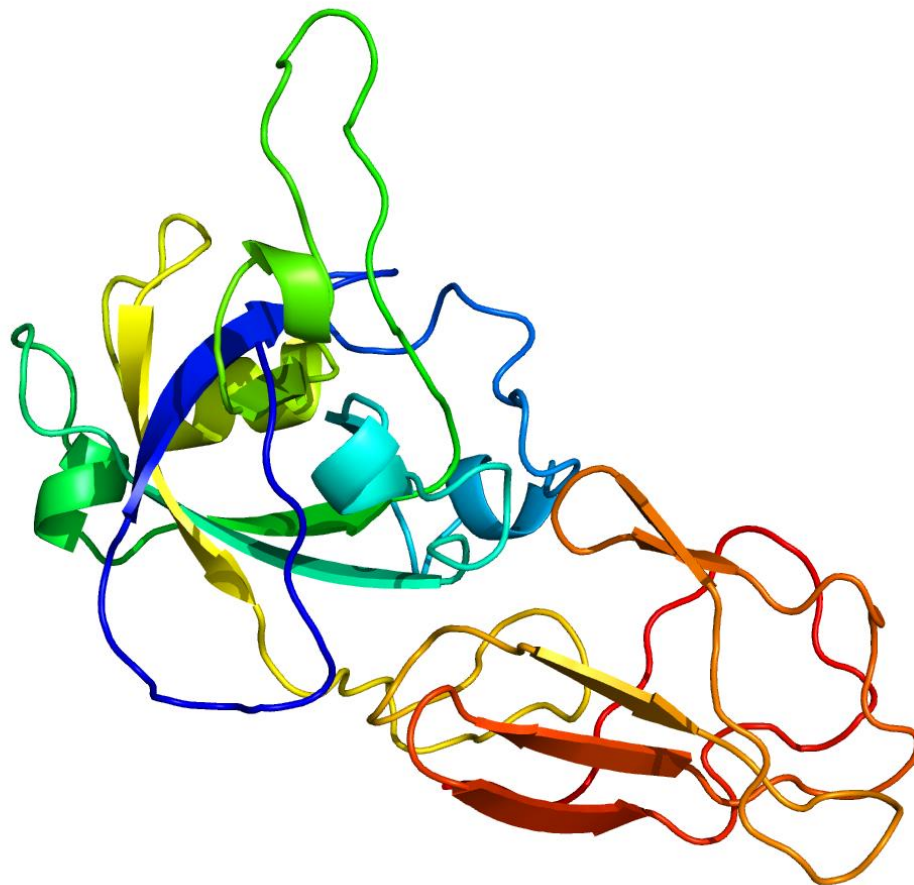
Locus: Lus10026566

Gene Model: Lus10026566

Description: LusEXPA-27

Family: Alpha Expansin

3D structure:



GENOME DATABASES

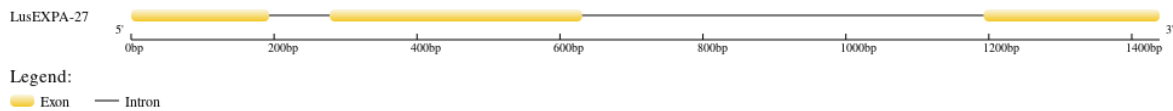
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

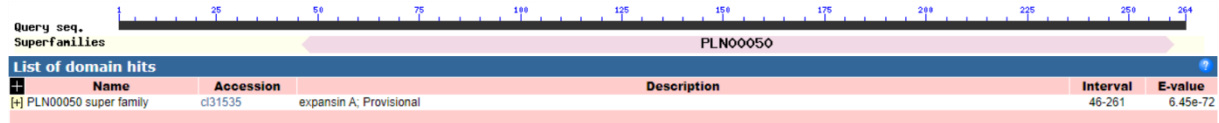
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXPA-27

MRYSSLHQILLLCFISINITTTTTTTFVFTYDDGNPTSASHEGEGEWKSATATYIKQPDG
GSISLGGACGYGDVLHALTYGSYSAGLSAMLFNRGSTCGACFQIRCVDHILWCLQGS
PSVTLTATDFCAPNYALSADYGGWCNFSKRHFELSESFAFAEIADVKKADIVPVQYRK
VKCNREGGGVLTSTNVAGDGEVVGVKWKGRRTGWIPMARNWQNWQCFVDLIGQP
LSFEVTTSDGKTVASYNVAPSNWMFGQTFQGKQFSG*

CDS (coding sequence)

>LusEXPA-27

ATGAGGTA CTCTCTCTTACCAAATCCTCCTCCTCTGCTTCATCTCAATCAACAT
TACCACCACCACCACCACCACCGTATTTACCTACGACGATGGAAACCCCACTTCC
GCATCCCATGAAGGCGAAGGCGAATGGAAGTCCGCCACCGCCACCTACATCAA
CAACCCGACGGAGGCTCCATCTCTCTCGGGGAGCGTGCGGATACGGCGACGTAT
TGCACGCCTTGACATACGGCAGCTACAGCGCCGATTAAGCGCAATGCTCTTCAA
CCGAGGCAGCACCTGCGGCGCGTGCTTCAAATCAGGTGCGTGACACATCCTC
TGGTGCCTCCAAGGCAGCCCGTCCGTCACCCTACCGCCACCGACTTCTGCGCTC
CCA ACTACGCCCTCTCAGCCGACTACGGCGGGTGGTGCAACTTTTCCAAGCGACA
CTTCGAGCTCTCCGAGTCGGCATTTCGCCGAGATCGCGGACGTTAAGAAGGCGGAC
ATCGTCCCCGTCCAGTACAGGAAGGTGAAGTGCAACAGAGAAGGCGGCGGGGTG
CTGAGTACCAACGTCGCAGGCGACGGCGAGGTGGTTCGGAGTTAAGTGGAAAGGT
CGGCGGACCGGGTGGATTCCGATGGCGAGGAATTGGGGGCAGAACTGGCAGTGT
TTTGTAGACCTAATTGGGCAGCCGCTTTCGTTTGAGGTCACGACTAGCGATGGTA
AAACTGTGGCGTCTTACAATGTTGCTCCTTCAA ACTGGATGTTTGGCCAGACGTT
CAAGGGAAACAATTCTCTGGTTAA

Nucleotide

>LusEXPA-27

ATGAGGTA CTCTCTCTTACCAAATCCTCCTCCTCTGCTTCATCTCAATCAACAT
TACCACCACCACCACCACCACCGTATTTACCTACGACGATGGAAACCCCACTTCC
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CAACCCGACGGAGGCTCCATCTCTCTCGGTTAGCCAACCTCTTTTTCTTTCCCTGC
TTTCTGTCTCCGATGAAAATTTGAATTTAATTAATCGAACAATCTTCGCCGCTCA

GGGGGAGCGTGCGGATACGGCGACGTATTGCACGCCTTGACATACGGCAGCTAC
AGCGCCGGATTAAGCGCAATGCTCTTCAACCGAGGCAGCACCTGCGGGCGCGTGCT
TCCAAATCAGGTGCGTGGACCACATCCTCTGGTGCCTCCAAGGCAGCCCGTCCGT
CACCTCACCGCCACCGACTTCTGCGCTCCCAACTACGCCCTCTCAGCCGACTAC
GGCGGGTGGTGAACTTTTCCAAGCGACACTTCGAGCTCTCCGAGTCGGCATTTCG
CCGAGATCGCGGACGTTAAGAAGGCGGACATCGTCCCCGTCCAGTACAGGAAGG
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NNNTATTCTACCAGGTGCTGAGTACCAACGTCGCAGGCGACGGCGAGGTGGTCG
GAGTTAAGTGGAAGGTCGGCGGACCGGGTGGATTCCGATGGCGAGGAATTGGG
GGCAGAACTGGCAGTGTTTTGTAGACCTAATTGGGCAGCCGCTTTCGTTTGAGGT
CACGACTAGCGATGGTAAACTGTGGCGTCTTACAATGTTGCTCCTTCAAACCTGG
ATGTTTGGCCAGACGTTCCAAGGGAAACAATTCTCTGGTTAA