

IDENTIFICATION

Species: *Linum usitatissimum*

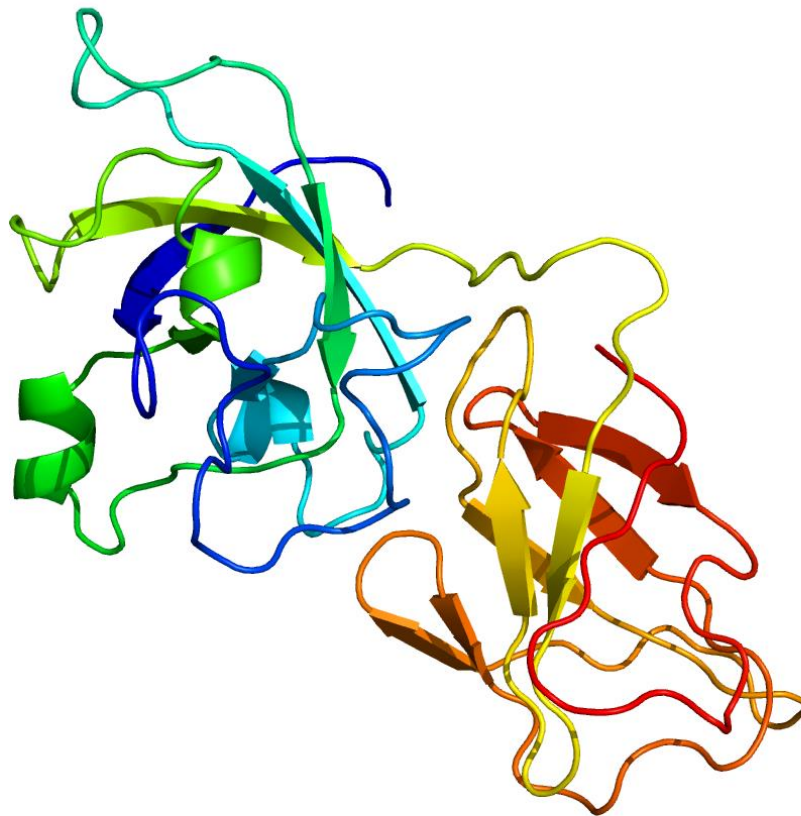
Locus: Lus10003438

Gene Model: Lus10003438

Description: LusEXPA-26

Family: Alpha Expansin

3D structure:



GENOME DATABASES

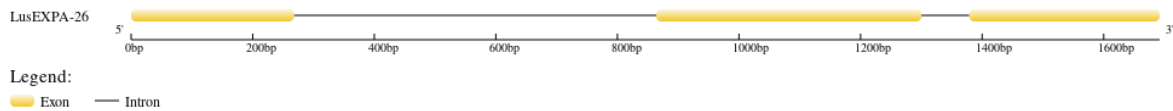
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

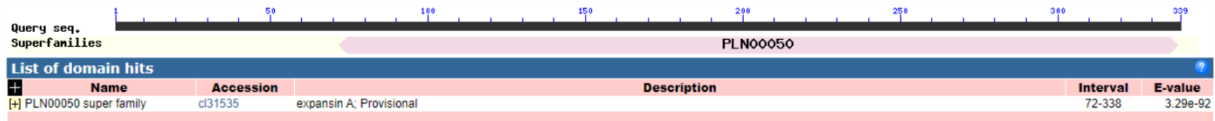
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXPA-26

MKKLPLGIAIVAILLVQSNNGGKPIQGHKNKHTHKSSLVKQQPYHKVAHQKHQPVSQ
KKKKNQHQQVIAAKWIHAHATFYGGDGSMTMGACGYGNLYKEGYGVKTAALS
TALFNNGNACGACYEITCVDDSDQWCVHGAI VTATNFCPPSSNGGWCDPPAEHFDLS
QPIFLHIAQYKAGIVPVKYRRVPCRKGGIMFTITGSTYFNLVLSNVAGAGDVA AV
GGGGGESKGLPPATAAPQSLFTITGSTYFNLVLTADAGAAGVAAVAVKGSKSKG
KWMSMTRNWGQNWQANTALIGQELSEFKVTTSNGRSVVSHNVAPASWGFGQTFIGD
QF*

CDS (coding sequence)

>LusEXPA-26

ATGAAGAACTTCCACTTGGAATTGCTATCGTGGCAATCCTCCTAGTCCAGTCAA
ATGGAGGAGGGAAACCAATCCAAGGCCACAAAACAAACACACACAAAAGC
AGCCTTGTGAAACAACAACCATAACCACAAGGTGGCTCACCAAAAACATCAACCG
GTTTCCCAGAAGAAGAAGAATCAGCATCAGCAAGTCATTGCAGCAAAATGG
ATCCATGCTCACGCCACTTCTATGGAGGTGGCGATGGTTCCGGCACTATGGGCG
GGGCTTGTGGATACGGGAATCTGTACAAAGAAGGATACGGAGTGAAGACCGCCG
CACTGAGCACCGCCCTCTTCAACAACGGCAATGCATGCGGAGCCTGCTACGAGAT
CACCTGCGTCGACGACTCGCAGTGGTGCGTCCACGGCGCCATCACCGTTACGGCG
ACAACTTCTGCCCTCCGAGCAGCAACGGAGGGTGGTGCACCCGCCGGCGGAG
CATTCGACCTGTGCGAGCCATCTTCTCCACATAGCGCAGTACAAAGCCGGGA
TTGTTCCGGTGAAGTACAGGCGAGTGCCGTGCAAGCGCAAGGGAGGGATAATGT
TCACCATCACTGGAAGCACCTACTTCAATCTTGTGCTGGTGAGCAACGTCGCCGG
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CTGTGAAGGGATCCAAGTCAAAGGGCAAGTGGATGTCGATGACCAGGAAGTGGG
GTCAGAATTGGCAGGCTAATACTGCTCTTATCGGTCAGGAATTGTCATTCAAGGT
TACCACCAGCAACGGCCGCTCCGTAGTCTCGCATAACGTCGCTCCGGCGAGTTGG
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Nucleotide

>LusEXPA-26

ATGAAGAACTTCCACTTGGAATTGCTATCGTGGCAATCCTCCTAGTCCAGTCAA
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