

IDENTIFICATION

Species: *Linum usitatissimum*

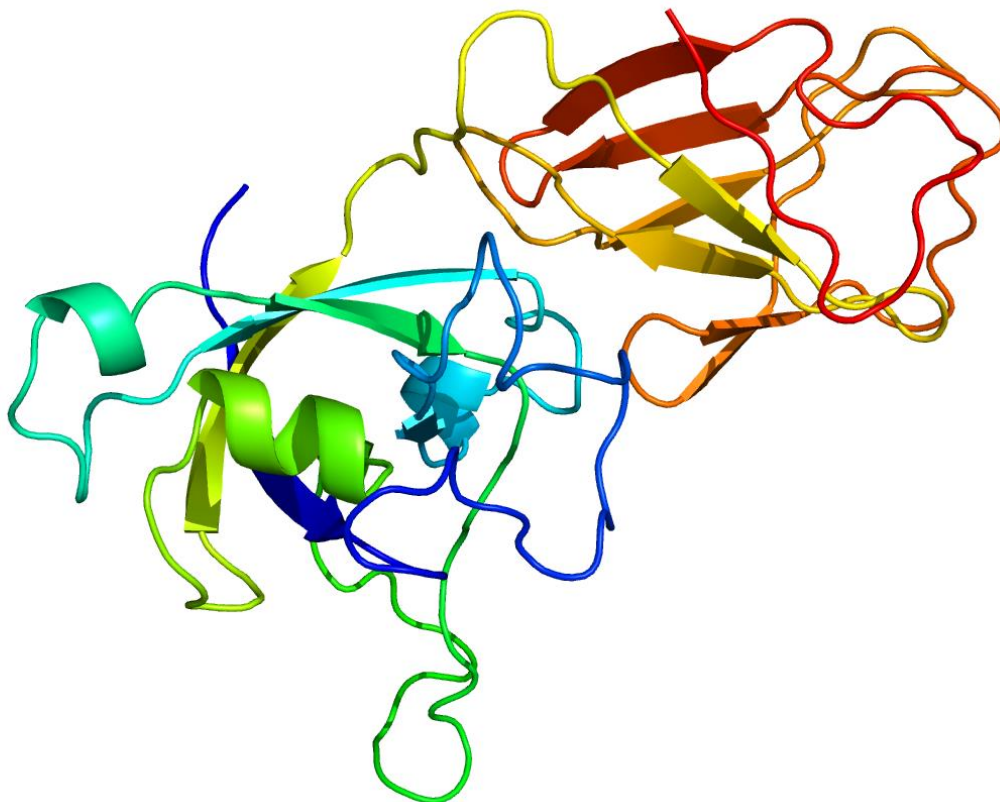
Locus: Lus10002638

Gene Model: Lus10002638

Description: LusEXPA-38

Family: Alpha Expansin

3D structure:



GENOME DATABASES

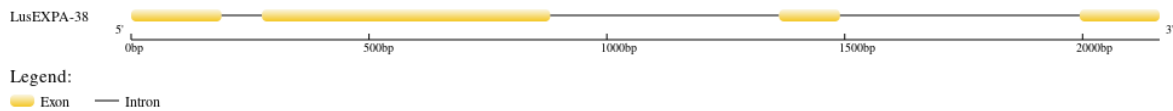
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

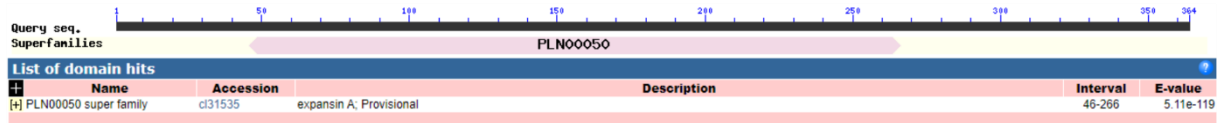
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXPA-38

MNLWVRIALATFVSLSYSNLIYGHEKKPSHGSGLDKKKQHAIAGKWTHAHATFYGG
GDASGTMGGACGYGNLYSEGYGVKTAALSTALFNNGKSCGACYEIIICDDLQWCKA
ANAITVTATNFCPANYAEPNNNGGWCNPPLEHFDLSVPIFLHIAQYKAGIVPVKYRRV
TCKRIGGIRFTITGSTYFNLVLSNVGGAGDVVAMSVKGSKTRWMRMARNWGQNW
QANDVLVGQELSFKATTSDGRSTVSHKAVPAGWQFGQTFTGSAGSVVRECSVKRS
YSSNETYRKQTGETRHQHHGTTNDGETCAGSRHRGGFEETLSIAFEIGLIGQRRFQSR
RQTIGDGRVAREMATWVRNRLKGR*

CDS (coding sequence)

>LusEXPA-38

ATGAATCTTTGGGTCAGAATCGCACTCGCAACGTTTCGTATCCTTGTCTTATTCGAA
CCTCATCTACGGCCATGAAAAGAAACCGTCCCATGGCAGCCATCTTGATAAGAAG
AAACAGCATGCCATAGCTGGGAAATGGACTCACGCTCATGCAACTTTCTACGGAG
GTGGCGACGCCTCCGGCACAATGGGCGGAGCGTGTGGCTACGGTAACCTCTACA
GCGAAGGCTACGGCGTAAAGACCGCAGCTTTGAGCACCGCCCTTTCAACAACG
GCAAGTCCTGCGGAGCCTGCTACGAGATAATTTGTATCGACGATTTGCAGTGGTG
TAAAGCCGCGAATGCGATCACAGTCACCGCCACCAACTTCTGCCCCGAAACTAC
GCCGAGCCAAACAACAACGGCGGATGGTGCAACCCACCGCTGGAGCACTTCGAC
CTGTCTGTGCCAATATTCCTCCATATCGCGCAGTACAAGGCCGGCATCGTACCAG
TAAAGTACCGGCGTGTGACATGCAAGCGGATAGGAGGGATTAGGTTTACGATCA
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GGAAGTGGGGACAGAATTGGCAGGCGAATGATGTACTTGTAGGGCAGGAGTTGT
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ACAGGTGAGACTCGCCATCAACATCATGGAACAACCAACGATGGAGAACTTGT
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A

Nucleotide

>LusEXPA-38

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ATAATTTGTATCGACGATTTGCAGTGGTGTAAAGCCGCGAATGCGATCACAGTCA
CCGCCACCAACTTCTGCCCGCAAACACTACGCCGAGCCAAACAACAACGGCGGAT
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