

IDENTIFICATION

Species: *Linum usitatissimum*

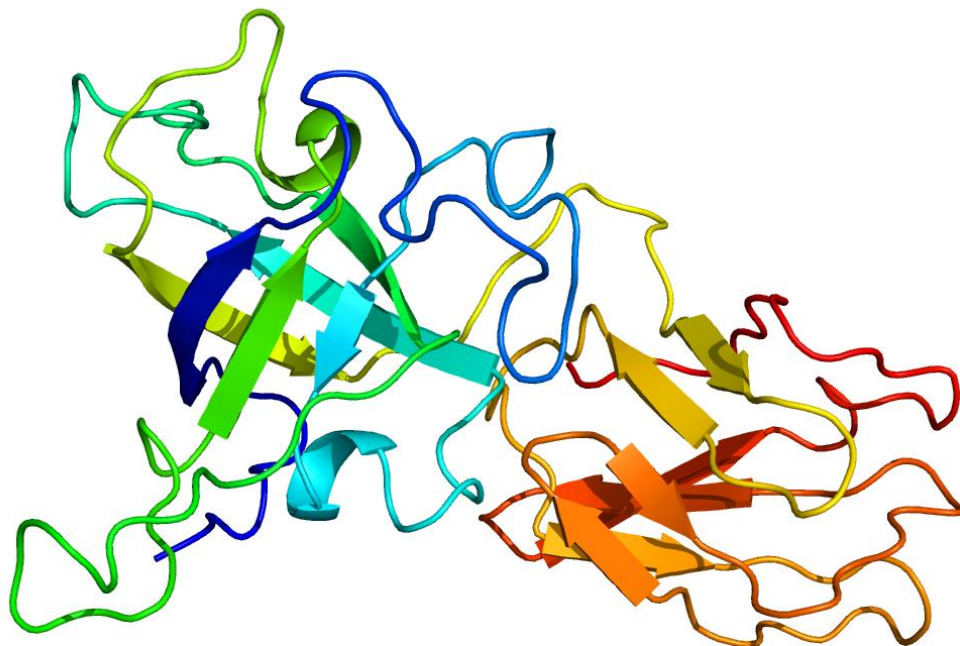
Locus: Lus10024388

Gene Model: Lus10024388

Description: LusEXPA-02

Family: Alpha Expansin

3D structure:



GENOME DATABASES

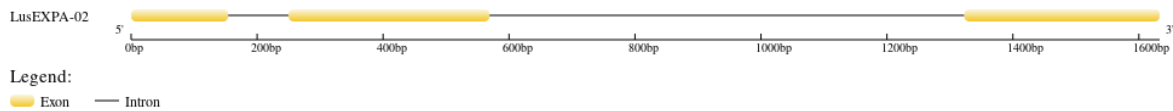
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

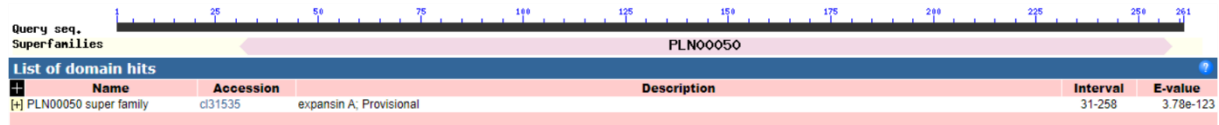
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXPA-02

MARTILFPLASLLVLSLLATVTARIPGVYTGGPWESAHATFYGGADASGTMGGACGY
GNLYSQGYGVNTAGLSTALFNEGLSCGACFEIKCDS DPRWCHPGQPSIFVTATNFCPP
NFAQPSDNGGWCNPPRTHFDLAMP MFLKIAEYRAGIVPVSFRRVPCRK VGGIRFSING
FRYFNLLLVTNVAGAGDIVK VSIK GERTNWMPSRNWGQNWQNSILV GQRLSFRV
TGSDRRTV TSMNIAPANWQFGQTF TGKNFHV*

CDS (coding sequence)

>LusEXPA-02

ATGGCTCGTACAATCCTCTTCCCCCTTGCGTCTCTTCTAGTCCTCTCTCTTCTCGCG
ACGGTCACCGCCAGAATCCCCGGAGTCTACACCGGCGGGCCTTGGGAGAGCGCT
CACGCCACTTTCTACGGCGGTGCCGATGCCTCTGGAACCATGGGCGGCGCGTGTG
GCTACGGAAACCTCTACAGCCAGGGGTACGGAGTGAACACGGCGGGGCTGAGCA
CCGCGCTTTCAACGAAGGGCTGAGCTGCGGCGCCTGCTTCGAGATAAAGTGCGA
CAGTGATCCCAGGTGGTGCCACCCTGGCCAGCCTTCCATTTTTGTACCGCTACCA
ACTTCTGCCCTCCCAACTTCGCTCAGCCCAGCGACAATGGTGGATGGTGCAACCC
GCCCCGTA CTACTTCGACCTCGCCATGCCTATGTTCCCTCAAGATAGCCGAGTACC
GCGCCGGAATCGTCCCCGTCTCATTCCGTCGGGTGCCGTGCAGGAAGGTGGGAGG
GATACGATTCTCCATCAACGGCTTCCGTTACTTCAACCTGTTGCTAGTAACAAACG
TGGCCGGAGCCGGCGACATCGTCAAGGTAAGCATCAAAGGAGAGCGCACAAACT
GGATGCCGATGAGCCGAAACTGGGGGCAA AACTGGCAATCCA ACTCCATCCTCG
TCGGACAGCGGCTGTCCTTCAGGGTCACCGGCAGCGACAGGAGGACCGTCACCTC
AATGAACATCGCTCCCGCCA ACTGGCAGTTCGGGCAGACCTTCACCGGCAAGAAT
TTCCACGTCTGA

Nucleotide

>LusEXPA-02

ATGGCTCGTACAATCCTCTTCCCCCTTGCGTCTCTTCTAGTCCTCTCTCTTCTCGCG
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CACGCCACTTTCTACGGCGGTGCCGATGCCTCTGGAACCATGGGTGCGGCGGCTT
CCTTACTTCTCTCTGCCTGTTTTTCTGTTTTTTTCTCCCTCACTTATTTGACTAGATAT
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AGCCAGGGGTACGGAGTGAACACGGCGGGGCTGAGCACCGCGCTCTTCAACGAA
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CAAACAGCACCTAAAAAGCACCCAGTTAGTTTCTTACTTTTTTAAAAACCT
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