

IDENTIFICATION

Species: *Linum usitatissimum*

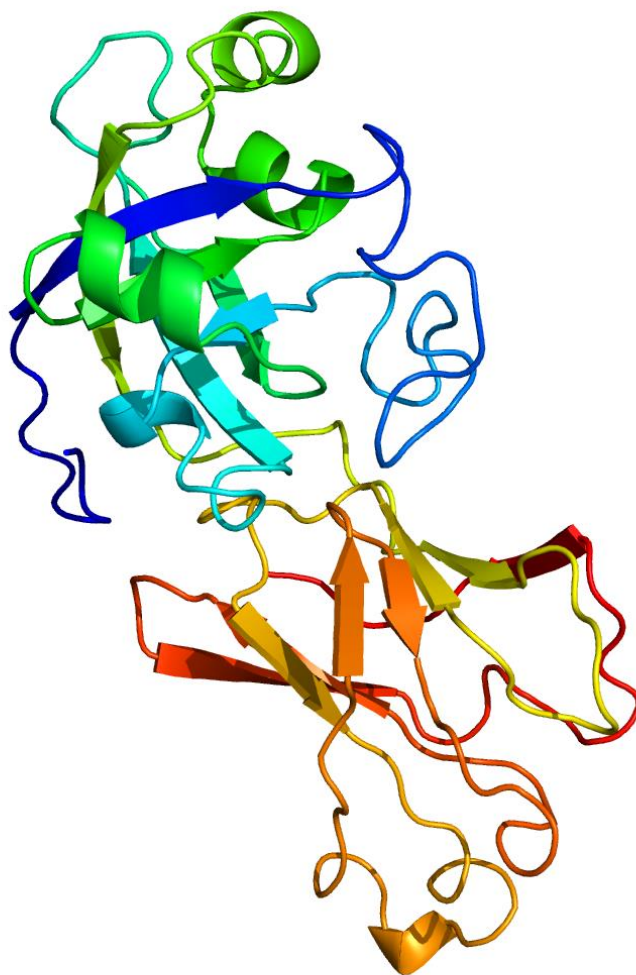
Locus: Lus10038933

Gene Model: Lus10038933

Description: LusEXPB-02

Family: Beta Expansin

3D structure:



GENOME DATABASES

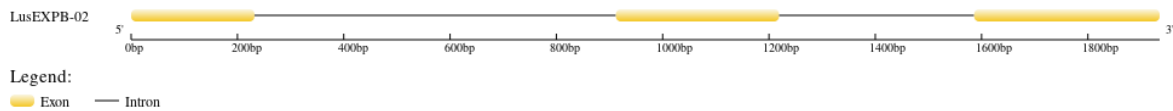
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

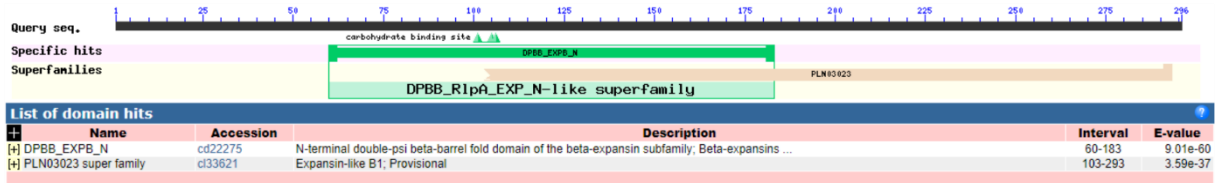
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXPB-02

MAPMNTLSSSTTFPLVSAYATIVIYLSMFHLSSSSSRPMNDVGFHFNRNAATELAQS
QWSPAGATWYGGPDGDGSDGGACGYSTAVSQPPFSSMVTAVGPSLYNSGKECGAC
YQVKCTNNPSCSGKPVRVVITDSCPGGSCASDSAHFDSLGTAFGAMALPGQESKLRD
AGVLQVSYSRVPCEYPGKTVAFHVDSGSNADYFAVVVEFEAGDGLATVGLQQSAA
TPHQSDVDQWEPMQQSWGAVWKLDAKNKLNPPFSIKLTSQFSGKTLVAKNVIPVG
WQPGATYRSLVNFN*

CDS (coding sequence)

>LusEXPB-02

ATGGCGCCCATGAACACTCTTTCTTCATCAACGACATTTCCCCTTGTGTCTGCTTA
CGCCACTATCGTCATATACTTGTCCATGTTTCATCTCTCTTCTTCCCTCCCGGCCCAT
GAACGACGTCGGGTTTGGCCATTTCAACCGATCGAACGCCGCCACCGAGCTAGCT
CAGAGCCAGTGGTCACCCGCCGGTGCAACTTGGTACGGCGGCCCTGACGGCGAC
GGGAGCGACGGTGGAGCTTGTGGATATAGTACGGCGGTATCACAACCTCCATTCT
CCTCCATGGTCACGGCGGTTCGGCCCATCTCTTTACAACCTCCGGCAAAGAATGTGG
AGCTTGTTACCAAGTCAAATGCACAAATAATCCATCTTGTTCGGGCAAACCTGTT
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ATTTTCGATCTTAGTGGTACCGCATTTGGTGGCATGGCGCTCCCTGGCCAGGAAAG
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TACCCAGGCAAAACGGTGGCGTTCACGTGGACTCCGGCTCGAACGCGGACTACT
TCGCGGTGGTCGTGGAGTTCGAAGCAGGCGACGGCGATCTAGCCACCGTGGGCCCT
GCAGCAATCGGCGGCAACTCCACACCAATCCGACGTGGATCAATGGGAGCCGAT
GCAGCAGTCGTGGGGGGCAGTCTGGAAGCTCGACGCAGGGAACAAATTGAACCC
TCCGTTTTCCATCAAATAACTTCGCAATTCTCCGGCAAGACCCTCGTGGCGAAA
AATGTGATCCCCGTCGGATGGCAGCCCCGGCGCTACTTATAGATCGCTCGTGAATT
TTAATTAA

Nucleotide

>LusEXPB-02

ATGGCGCCCATGAACACTCTTTCTTCATCAACGACATTTCCCCTTGTGTCTGCTTA
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