

IDENTIFICATION

Species: *Linum usitatissimum*

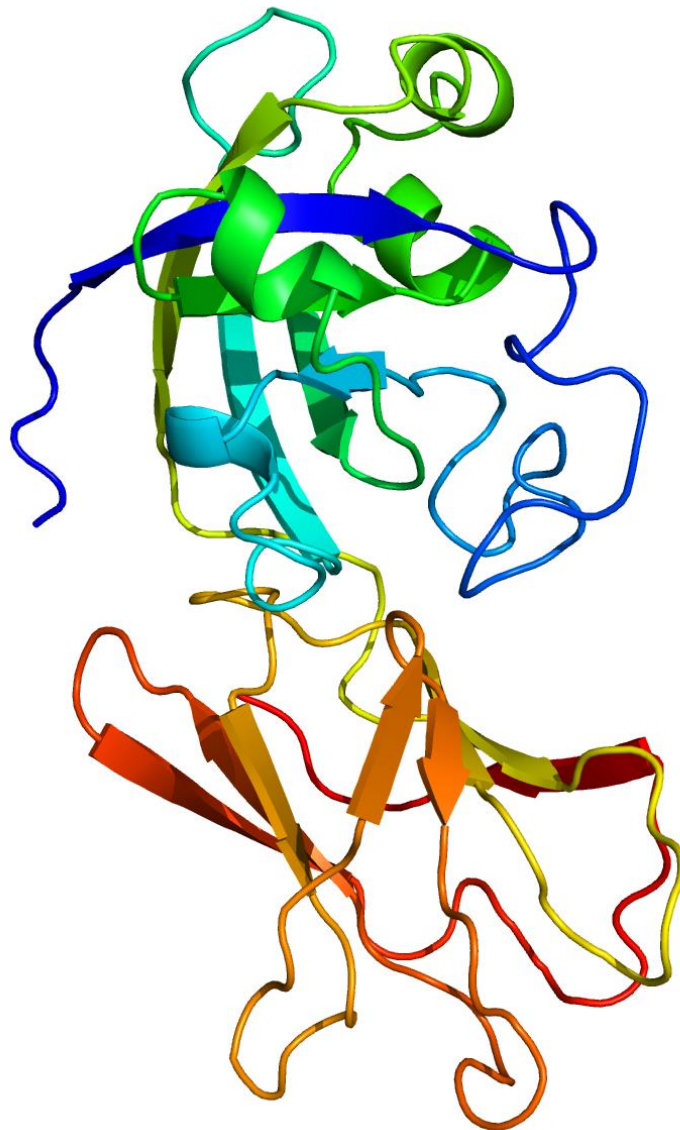
Locus: Lus10036066

Gene Model: Lus10036066

Description: LusEXPB-03

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>

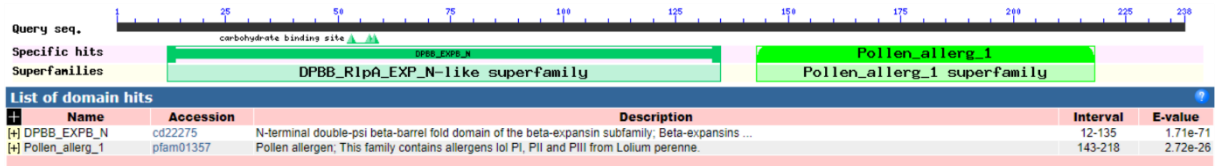
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXPB-03

MNSSFSENSASWAPAGATWYGAPKGDGSEGGACGYGKAVGLAPFNISMISAGGPSLF
QSGGGCGACYQVKCTSNPACSGVPVIVVITDECPGGPCASESVHFDLSGTAFGAMAK
RGSESQLQAVGNLQIQHRRVPCLYRGETITFVVDAGSNPFYLATVIEFENG DGELGSV
EVKQGSNWIPMQRLWGALWKLNSGSALSGPLSFQLTSATSKKTVVAQNVLP SGWKP
GQTYRSAVNF*

CDS (coding sequence)

>LusEXPB-03

ATGAACAGTTCG TTCAGCGAGAATTCAGCTTCATGGGCACCTGCTGGAGCTACTT
GGTATGGGGCACCTAAAGGCGATGGAAGCGAAGGTGGAGCTTGTGGATACGGGA
AGGCAGTAGGATTAGCACCCCTTCAATTCCATGATATCAGCAGGAGGCCCTTCTCT
TTTCCAATCTGGCGGAGGATGTGGCGCTTGTTACCAGGTGAAATGCACATCAAAT
CCAGCATGCTCGGGAGTCCC GGTTATTGTAGTTATAACGGACGAATGTCCAGGCG
GACCATGCGCTTCCGAATCTGTTCAATTCGACCTTAGTGGCACTGCCTTTGGAGCT
ATGGCTAAGAGAGGCAGCGAATCTCAACTTCAAGCCGTTGGAACTTGCAAATCC
AACATCGGAGAGTTCCTTGTCTGTACCGAGGCGAGACAATAACGTTTCGTGGTGG
TGCTGGATCGAACCCGTTCTATTTGGCGACGGTGATCGAGTTCGAAAATGGGGAT
GGCGAGCTTGGTAGCGTGGAGGTGAAGCAAGGGTTCGAACTGGATTCCGATGCAA
CGATTGTGGGGTGC GCTTTGGAACTCAACTCGGGCTCTGCATTGAGCGGACCTC
TTTCGTTCCAACTCACATCTGCAACCTCCAAAAGACGGTTGTGCCCCAAAATGT
GCTTCCCTCTGGATGGAAGCCTGGACAGACTTACCGCTCCGCCGTTAACTTTTGA

Nucleotide

>LusEXPB-03

ATGAACAGTTCG TTCAGCGAGAATTCAGCTTCATGGGCACCTGCTGGAGCTACTT
GGTATGGGGCACCTAAAGGCGATGGAAGCGAAGGTACGTATCGTACTCTTTTTTGG
TCTTTTTGGATTCGTGCCGTCCTAGTTCTGCTATTGGTTTCGAAATAAAATTATA
GGACTGAATGTATGTGTGTTTTGTAGGTGGAGCTTGTGGATACGGGAAGGCAGTA
GGATTAGCACCCCTTCAATTCCATGATATCAGCAGGAGGCCCTTCTTTTTCCAATC

TGGCGGAGGATGTGGCGCTTGTTACCAGGTCATCATCCCACCTTTTGTTTTTCTATA
TTTTAAATATTCGTTAGAACCCGAACACGAAAATCGTGAGTTACCCGTCTGACTG
AGTAAAATACAATGCAGGTGAAATGCACATCAAATCCAGCATGCTCGGGAGTCC
CGGTTATTGTAGTTATAACGGACGAATGTCCAGGCGGACCATGCGCTTCCGAATC
TGTTCAATTCGACCTTAGTGGCACTGCCTTTGGAGCTATGGCTAAGAGAGGCAGC
GAATCTCAACTTCAAGCCGTTGGAAACTTGCAAATCCAACATCGGAGGTACATCC
ATGACGATCCAATCATCTCGTTCGCTGCCTATTTAATATCAATTAAGTTATATT
TTCATATGCATGTGTAACAGAGTTCCTTGTCTGTACCGAGGCGAGACAATAACGT
TCGTGGTGGATGCTGGATCGAACCCGTTCTATTTGGCGACGGTGATCGAGTTCGA
AAATGGGGATGGCGAGCTTGGTAGCGTGGAGGTGAAGCAAGGGTCGAACTGGAT
TCCGATGCAACGATTGTGGGGTGCCTTTGGAAACTCAACTCGGGCTCTGCATTG
AGCGGACCTCTTTCGTTCCAACCTCACATCTGCAACCTCCAAAAAGACGGTTGTCG
CCAAAATGTGCTTCCCTCTGGATGGAAGCCTGGACAGACTTACCGCTCCGCCGT
TAACTTTTGA