

IDENTIFICATION

Species: *Linum usitatissimum*

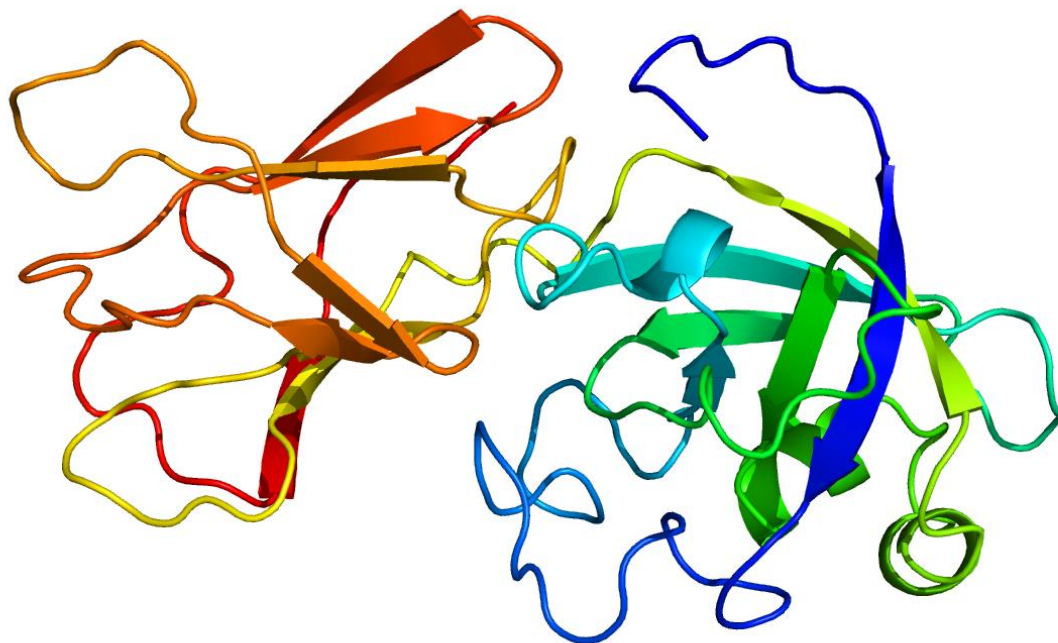
Locus: Lus10039816

Gene Model: Lus10039816

Description: LusEXPB-01

Family: Beta Expansin

3D structure:



GENOME DATABASES

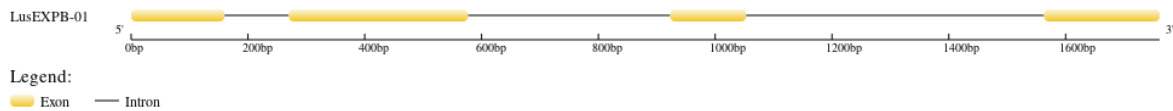
Phytozome: https://phytozome-next.jgi.doe.gov/info/Lusitatissimum_v1_0

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

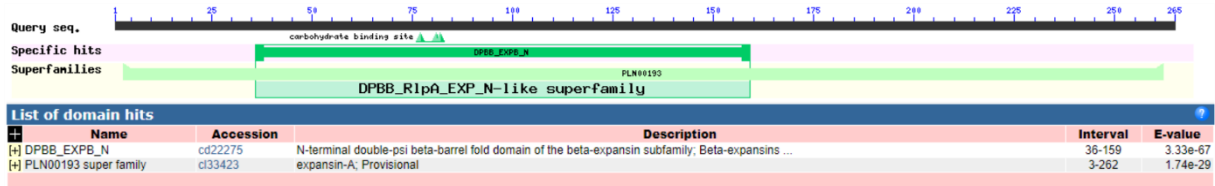
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LusEXPB-01

MLISFTTLFFASVIFFTVSSQVPVHHPAASDDHHWHPATATWYGSPEGDGSDGGAC
GYGSMVDVKPLRARVGA VSPVLF RSGEGCGACYKVKCLDKSICSRRAVTVIVTDECP
GGYCSGGKTHFDLSGAAFG RMAFAGEAGMLRNKGELPVIFRRT PCKYPGKNIAFHV
NEGSTDFWLSLLVEFEDGDGDV GSMHIRQGGGSEW MEMKHVWGATWCIVGGPLRG
PFSVKLTTLSTGKSLSARDVIPSNWSPKATYTSRLNFLH*

CDS (coding sequence)

>LusEXPB-01

ATGCAGCTGATTTTCGTTTACCACTCTGTTTTTCGCCTCCGTCATCTTCTTCACCGTC
TCCAGCCAGGTCCCAGTCCACCACCCTGCAGCCTCCGACGACCACCATTTGGCACC
CCGCCACCGCCACCTGGTACGGCAGCCCAGAAGGCGACGGCAGCGACGGAGGGG
CGTGCGGGTACGGGTTCGATGGTGGATGTGAAGCCGCTCCGGGCGCGGGTTCGGAG
CGGTGAGCCAGTTCTTTTCCGAGCGGGGAAGGATGCGGAGCTTGCTACAAGGT
GAAGTGCTTGACAAAGAGCATTTGCTCCAGAAGGGCGGTCACCGTAATTGTCACC
GACGAGTGTCCAGGCGGGTACTGCTCCGGTGGAAAACCCACTTCGATCTCAGTG
GAGCTGCATTCGGACGCATGGCCTTCGCCGGCGAAGCCGGCATGCTCCGGAACA
AGGGCGAGCTCCCCGTCATTTTCCGACGGACTCCGTGTAATACCCTGGGAAGAA
CATAGCGTTCCATGTGAACGAAGGCTCGACGGACTTCTGGTTGTCGCTGCTTGTG
GAGTTCGAGGATGGTGTGATGGCGACGTCGGTTCATGCACATCCGACAGGGAGGT
GGGAGTGAGTGGATGGAGATGAAGCATGTGTGGGGAGCAACATGGTGCATAGTT
GGTGGGCCATTGAGAGGTCCATTCTCAGTGAAGCTCACCCTCTGTCTACAGGGA
AATCCCTCTCAGCTAGGGATGTTATCCCTAGCAACTGGTCTCCCAAGGCCACTTA
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Nucleotide

>LusEXPB-01

ATGCAGCTGATTTTCGTTTACCACTCTGTTTTTCGCCTCCGTCATCTTCTTCACCGTC
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CCGCCACCGCCACCTGGTACGGCAGCCCAGAAGGCGACGGCAGCGACGGTAATT

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GTTACTAATAAGTAAAAATTGACATGGTACAATTACAGGACTCCGTGTAAATACC
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GCTGCTTGTGGAGTTCGAGGATGGTGTGATGGCGACGTCGGTTCCATGCACATCCGA
CAGGTAATTCGGTTTACTAAAGTTACGAACCAAATTGTTACGGTTTCTAAAGTTA
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CGGGCAAAAATGGGTTTGCTCCATTA AAAATCTGAAGAAATCAAAGCTATTAA
AGCCACATAAAGTTATTAGAAGAAGATGGAGGAGCACTACTGTTAACTATTCCT
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GGGAGCAACATGGTGCATAGTTGGTGGGCCATTGAGAGGTCCATTCTCAGTGAAG
CTCACCACTCTGTCTACAGGGAAATCCCTCTCAGCTAGGGATGTTATCCCTAGCA
ACTGGTCTCCCAAGGCCACTTACACTTCACGCCTCAACTTCTCCACTAG