

IDENTIFICATION

Species: *Oryza sativa*

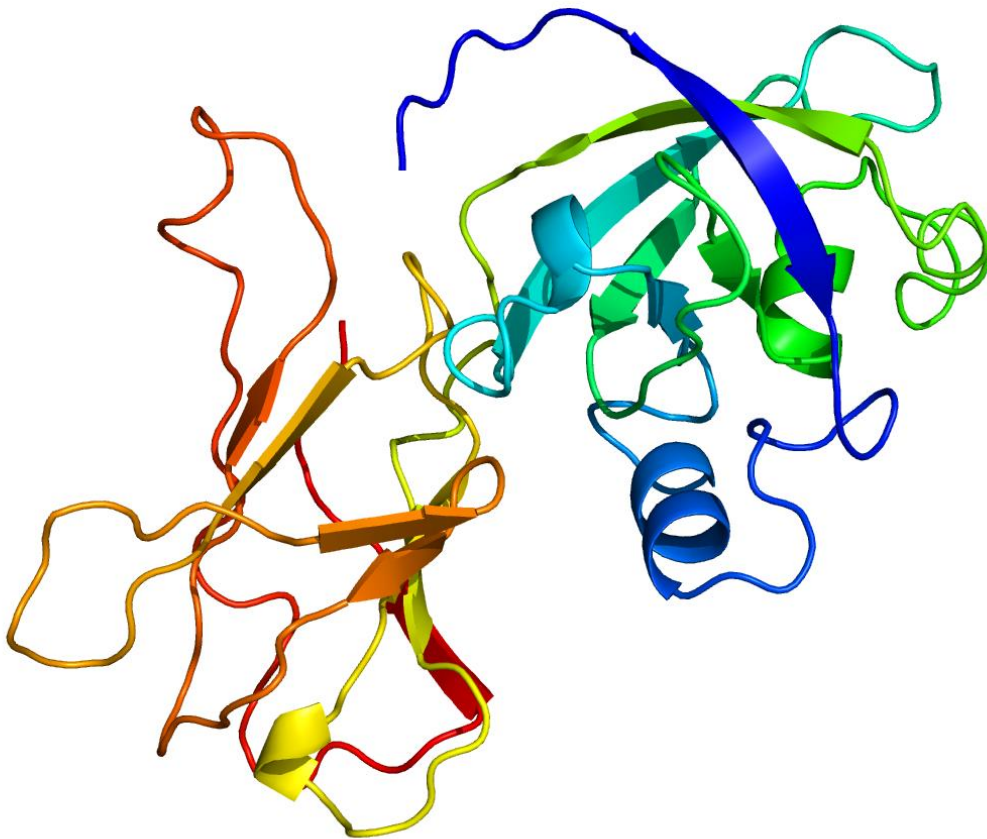
Locus: LOC_Os07g31390

Gene Model: LOC_Os07g31390.1

Description: OstEXLB-01

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

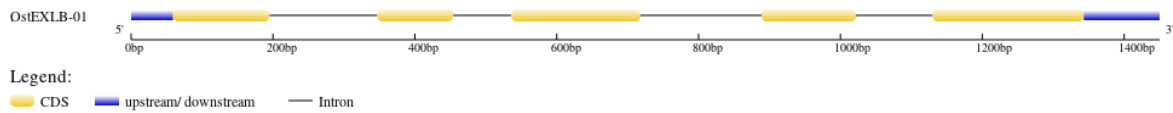
Phytozome: https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0

KEGG: <https://www.genome.jp/entry/T01015>

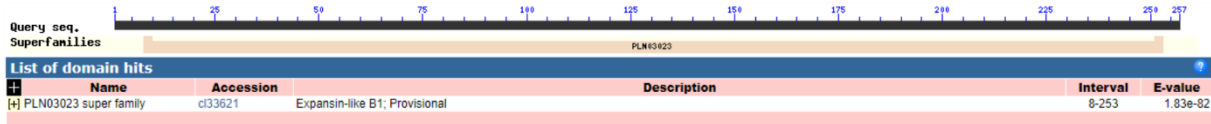
EXTERNAL RESOURCES

<http://rice.uga.edu/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OstEXLB-01

MAQLRRHLPVILSLILFLSKATADANFTVSRAAYYPNSDIKGTENGACEYGAFGATL
NNGDVSASASLYRDGVGCGACYQVRCTNPYYCSPNGVTIVITDSGASDGTDFILSQH
AFTRMAQSTDAGTALLTLGVVIEYRRVSCYTPNKNIVFKITESSNFPNYLEFEIWIYQ
QGNQDIIAVQLCETVNLTCQLLSRTHGAVWAAVSPPSGPLSIRMLFSSGAPRGGDTW
LVPTNIVPQNWTAGATYDSGVQVQLQ*

CDS (coding sequence)

>OstEXLB-01

ATGGCTCAGCTGCTTCGTCGGCATCTCCCAGTCATACTTTCTCTCATCTTGTTCTC
TCTAAGGCTACTGCAGATGCAAACCTTCACTGTGTCGAGAGCAGCATATTACCCCA
ACTCTGATATAAAAAGGGACCGAAAACGGTGCATGTGAGTATGGCGCATTGGGG
CAACACTCAACAATGGTGATGTTTCAGCTTCAGCAAGCCTCTACAGGGATGGGGT
AGGCTGTGGTGCATGCTACCAGGTGAGGTGCACGAATCCTTACTATTGCTCTCCA
AATGGCGTCACAATTGTGATCACCGACTCTGGGGCGAGTGATGGCACTGATTCA
TCCTCAGCCAGCATGCTTTCACCAGGATGGCGCAGAGTACAGATGCTGGTACAGC
GCTGCTAACCCTTGGCGTGGTTGGGATTGAGTACAGGAGGGTTTCTTGTACCTAC
CCAAACAAGAATATCGTTTTCAAGATTACTGAGAGCAGCAATTTCCCAACTATC
TTGAATTTGAGATCTGGTACCAGCAAGGCAACCAGGACATCATTGCGGTCCAGCT
TTGTGAGACTGTGAATTTGACATGCCAACTTCTGAGCCGGACTCATGGTGCAGTG
TGGGCTGCTGTCTCTCCACCAAGTGGGCCTCTGTCTATAAGGATGTTATTTAGTAG
CGGAGCTCCCCGTGGTGGTGACACATGGCTAGTTCGACGAACATAGTACCCAG
AACTGGACGGCAGGGGCCACATATGATTCTGGGGTCCAAGTACAGCTGCAGTAG

Nucleotide

>OstEXLB-01

CTATTGCATGCACCGCATCTCTTAAGGCTTTGTACGCGTCTCCACGGTCCAACCA
CCAATGGCTCAGCTGCTTCGTCGGCATCTCCCAGTCATACTTTCTCTCATCTTGTT
CCTCTCTAAGGCTACTGCAGATGCAAACCTTCACTGTGTCGAGAGCAGCATATTAC
CCCAACTCTGATATAAAAAGGGACCGAAAGTAAAGTACCTTTCAGATAAAATTACTT
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GCATGCTACCAGGTAATCCATCTGTATGACTAGGCTGTGTGAATCATTAAAAAAA
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TGATGGCACTGATTT CATCCTCAGCCAGCATGCTTTCACCAGGATGGCGCAGAGT
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TTTTCTTAGATGAAAAATAAAATGAAA ACTACTATAGAAACAATATCTGCATAAG
GAATTATGGACGCATGTGCTGTTACTGACATGTCATGGTTCTGGTTTCCTCTACAC
TACAGGGTTTCTTGTACCTACCCAAACAAGAATATCGTTTTCAAGATTACTGAGA
GCAGCAATTTCCCAACTATCTTGAATTTGAGATCTGGTACCAGCAAGGCAACCA
GGACATCATTGCGGTCCAGCTTTGTGAGGTAAAGTGAAACACTATACAGTAAACA
ACATAAATTTGTAATTGTAGATGTACAGATCAAGCGCAAAAACATTCGTAGTACT
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CCGGACTCATGGTGCAGTGTGGGCTGCTGTCTCTCCACCAAGTGGGCCTCTGTCT
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TCCAAGTACAGCTGCAGTAGCTATATAAAATTAAGAAAAATTCTACCAATGCA
AATGTATTCATAATTTTCATTATTCCCTTGTTTTCTGGTAATGTATATTCAAAGTA
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