

IDENTIFICATION

Species: *Oryza sativa*

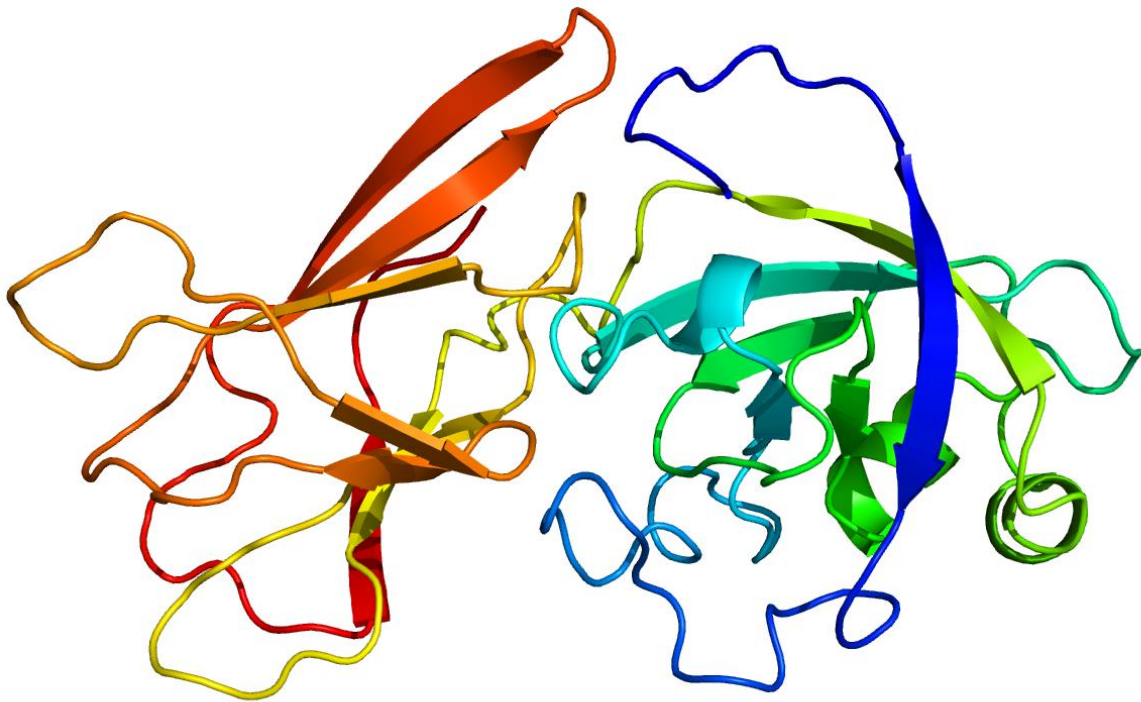
Locus: LOC_Os07g29290

Gene Model: LOC_Os07g29290.1

Description: OstEXLA-04

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

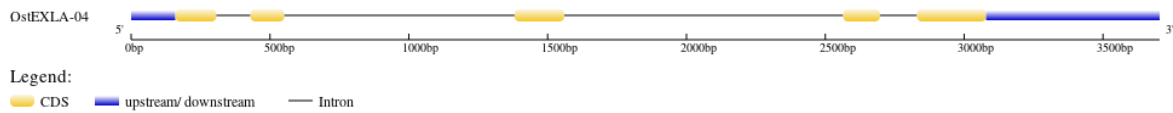
Phytozome: https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0

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

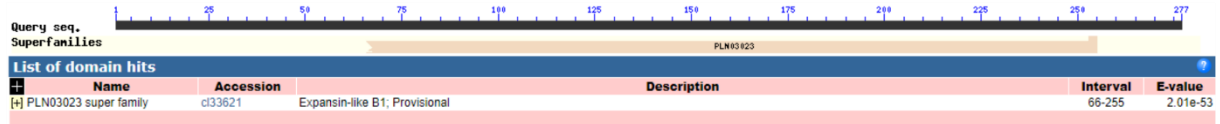
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OstEXLA-04

MAVLLSILSSSFLLLLAASSSTPRASACERCVRNGKAAYSPLSPLPPGGGGGCGYG
AMAMEMELNGGFLAAGGPRQHRGGLGCGRCFQMRCRNAEVCASNAGVRVVLTFDFH
RSNSTDFLLGGPAFAGLAKPGMAHKLKLDALSVEYRRIPCDYKDKNLSILVEEQSK
RPNNLVIKFLYQGGQTDILAVDVAQVGSDDWRFMTRVYGPVWSIDRAPNGPLQFRA
VVTGGYDGTKVWVADREVL PANWQPGQVYDTGARIADVARESCLDCATLDWK*

CDS (coding sequence)

>OstEXLA-04

ATGGCAGTGCTCCTCTCCATCCTCTCCTCCTTTTCCTGCTGCTCTTGGCGGCCTCC
TCCTCCTCCACGCCACGCGCGTCTGCGTGCGAGAGGTGCGTGCGCAACGGCAAGG
CCGCTACTCGCCCTCGCTCTCCCCTCTCCACCTGGTGGTGGAGGAGGATGTGG
GTATGGGGCCATGGCCATGGAGATGGAGCTGAATGGGGGATTCCTTGCAGCCGG
GGGTCCAAGGCAGCACAGGGGAGGGCTTGGATGTGGAAGGTGCTTTCAGATGAG
ATGCAGAAATGCAGAGGTGTGCAGTAACGCAGGCGTCCGCGTCGTGCTCACCGA
CTTTCACAGGAGCAACAGTACGGACTTCTGCTCGGTGGGCCCCTTTCGCGGGC
CTGGCCAAGCCCGGGATGGCCACAAGTTGAAGAAGCTTGATGCTCTGTCAGTAG
AGTACAGAAGAATTCCCTGCGACTACAAGGACAAGAACCTGTCCATATTAGTAG
AAGAGCAGAGCAAAGGCCAAACAATTTGGTCATCAAGTTCCTTTACCAAGGTG
GCCAAACTGATATCTTAGCGGTGGATGTTGCTCAGGTGGGATCATCGGATTGGCG
GTTCATGACCCGGGTCTATGGACCCGTTTGGAGCATCGACCGGGCCCCCAACGGA
CCGCTTCAGTTCCGGGCTGTGGTGACCGGTGGTTACGACGGGAAGTGGGTCTGGG
CCGACCGGGAGGTTCTTCCCGCCA ACTGGCAGCCCGGCCAGGTGTACGACACCGG
TGCGAGGATCGCCGACGTGGCGAGGGAAAGCTGCCTAGACTGCGCCACGCTGGA
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Nucleotide

>OstEXLA-04

CTCTCTCTTCCGTTTGCTATATATTGGCACTTAATTAACACAGTGGCCTAAGCA
GAAGCCATGTGCTAGGGAAAGCAAGTCTTCTCCTCTCTCTCTCTCTCTCTCTC
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