

IDENTIFICATION

Species: *Oryza sativa*

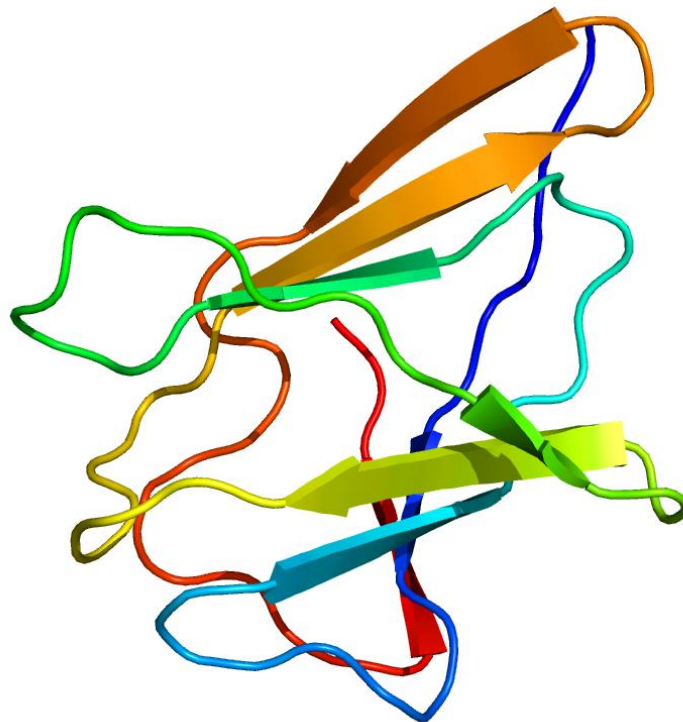
Locus: LOC_Os06g45200

Gene Model: LOC_Os06g45200.1

Description: OstEXPB-15

Family: Beta Expansin

3D structure:



GENOME DATABASES

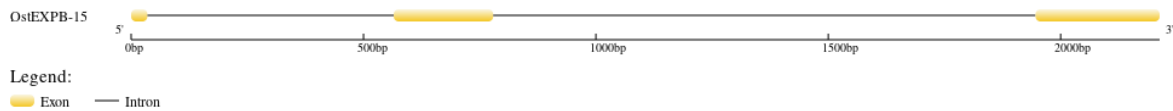
Phytozome: https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0

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

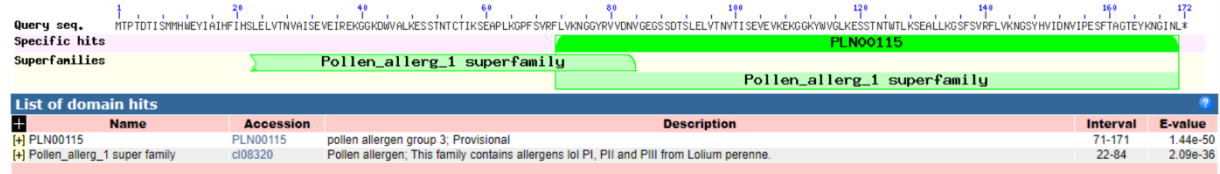
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OstEXPB-15

MTPTDTISMMHWEYIAIHFIHSLLELVNVAISEVEIREKGGKDWVALKESSTNTCTIKS
EAPLKGPFVRFLVKNNGYRVVDNVGEGSSDTSLELVNTVTISEVEVKEKGGKYVW
GLKESSTNTWTLKSEALLKGSFSVRFLVKNNGSYHVIDNVIPESFTAGTEYKNGINL*

CDS (coding sequence)

>OstEXPB-15

ATGACACCTACAGATACTATAAGCATGATGCATTGGGAGTACATAGCTATCCATT
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CACAATCAAAGTGAGGCGCCGCTCAAAGGCCCTTCTCCGTCCGCTTCCTTGTC
AAGAATGGTGGCTACCGTGTCTGACAACGTCGGTGAGGGCTCTAGCGACACTA
GTCTAGAGCTCGTCACCAATGTCACCATCTCTGAGGTGGAGGTCAAGGAGAAGG
GTGGCAAGTACTGGGTGGGGCTCAAGGAGTCGTGACTAACACCTGGACGCTGA
AAAGTGAGGCGCTGCTCAAGGGCTCCTTCTCCGTCCGCTTCCTTGTCAGAACGG
CAGCTACCATGTCATCGACAACGTCATCCCTGAAAGCTTTACAGCTGGCACTGAA
TACAAGAATGGCATCAACCTCTAA

Nucleotide

>OstEXPB-15

ATGACACCTACAGATACTATAAGCATGATGCATTGGTACATATTTTAGCTTACTC
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