

IDENTIFICATION

Species: *Oryza sativa*

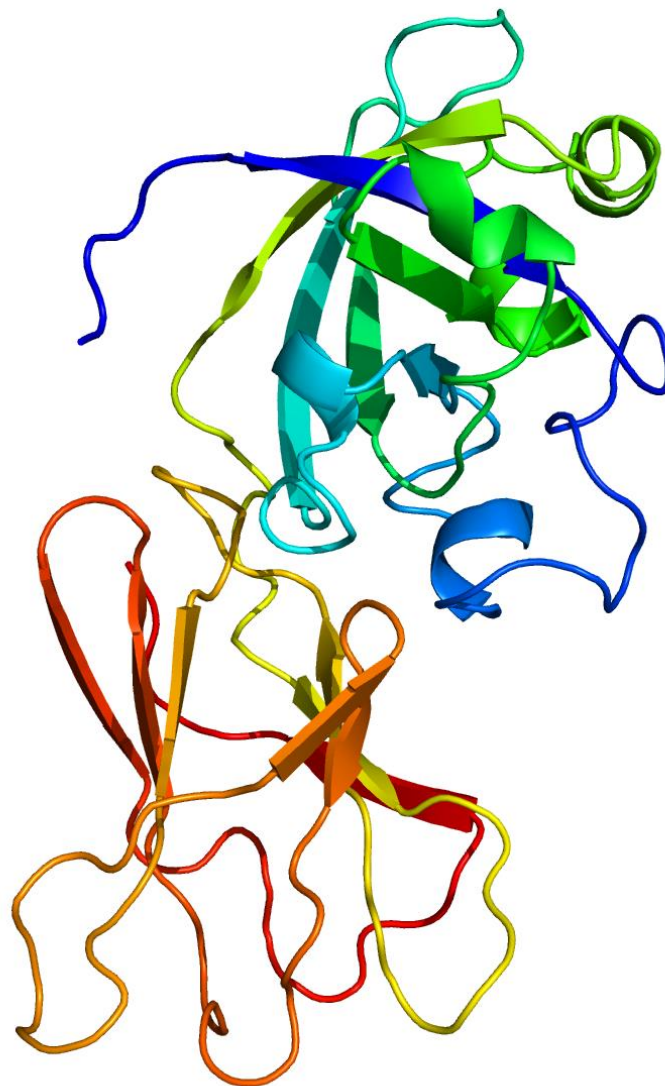
Locus: LOC_Os04g46630

Gene Model: LOC_Os04g46630.1

Description: OstEXPB-12

Family: Beta Expansin

3D structure:



GENOME DATABASES

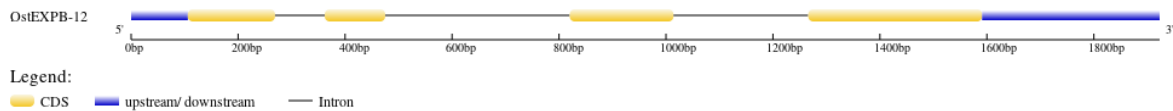
Phytozome: https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0

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

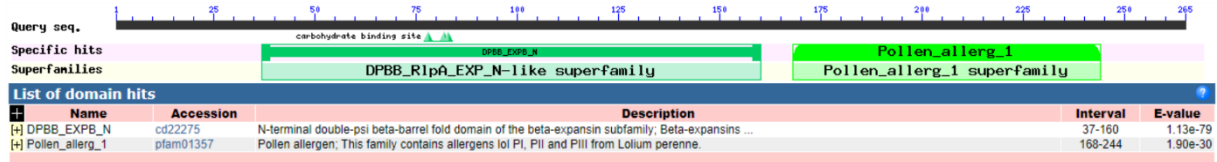
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OstEXPB-12

MASRFQLILSTFVVIAAVTMLPRPCASIEFHRKLSWSNGGATWYGAANGAGSDGGA
CGYQGA VFQAPFSSMIAAGSPSIYKSGLGCGSCYQVKCTGNSACSGNPVTVVLTDEC
PGGPCLSEPVHFDLSGTAFGAMANPGQADQLRAAGV LQIQYNR VPCNWGGV KLTFFV
VDVGSNP NYFAVL VKYENG DGDLSGVELMQTGAGAAWTQMQQSWGAVWKL NAG
SALQAPFSIRLTSSSGKTLV ASNVIPSGWKPGMSYISTVNF*

CDS (coding sequence)

>OstEXPB-12

ATGGCTTCCAGGTTCCAGCTGATTTTGTCTGACCTTCGTTGTCATTGCCGCTGTCAC
CATGCTTCCACGCCCTTTCGCTTCCATCGAGTTCCACCGCAAGCTCTCCAGCTGGT
CCAATGGCGGAGCTACGTGGTATGGCGCTGCAAATGGCGCCGGAAGTGATGGTG
GTGCATGTGGGTACCAGGGTGCCGTCTTCCAGGCACCGTTCTCGTCTATGATCGC
CGCCGGCAGTCCCTTCCATCTACAAGTCTGGCTTGGGCTGCGGCTCTTGCTACCAG
GTGAAATGCACTGGAAATAGCGCTTGCTCGGGCAACCCGGTGACTGTCGTCCTCA
CCGACGAGTGCCCCGGAGGCCCGTGCCCTCAGCGAGCCGGTCCACTTCGACCTGAG
CGGCACGGCGTTCGGTGCCATGGCGAACCCCGGCCAGGCCGACCAGCTGCGCGC
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GAAGCTCACCTTCGTCGTGGACGTTCGGCTCGAACCCCAACTACTTCGCCGTGCTC
GTCAAGTACGAGAACGGAGACGGTGACCTCTCCGGCGTGGAGCTCATGCAGACC
GGCGCCGGCGCCGCTTGACGCAGATGCAGCAGTCGTGGGGCGCCGTCTGGAAG
CTGAACGCCGGCTCGGCACTGCAGGCGCCGTTCTCCATCCGCCTCACGTCCAGCT
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Nucleotide

>OstEXPB-12

CACACACAGCCCACACCACCTCTCATCGACTCATTGCTTGCATCTTCCAAATCCT
TGCAAAGCAACAACAATCCTAGCAAGTTTAGCTAAGCAGGTATAGCAGCCATGG
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