

IDENTIFICATION

Species: *Oryza brachyantha*

Locus: XP_006647630

Gene Model: XP_006647630.1

Description: ObEXPB-01

Family: Beta Expansin

3D structure:



GENOME DATABASES

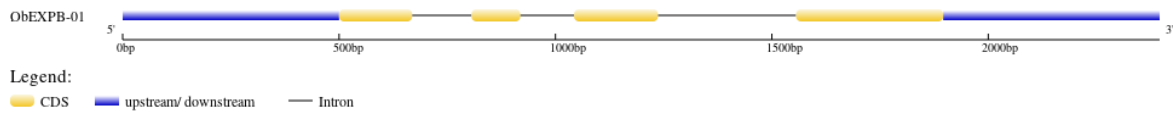
NCBI: https://www.ncbi.nlm.nih.gov/genome/10862?genome_assembly_id=1593936

KEGG: <https://www.genome.jp/entry/T02995>

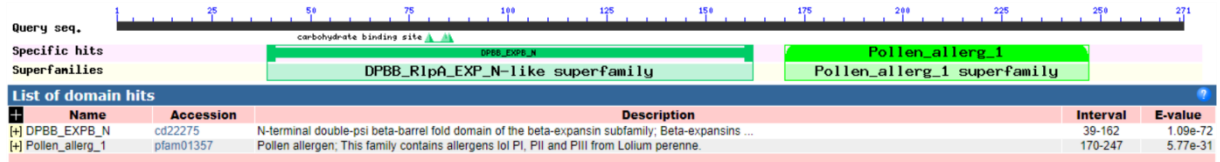
EXTERNAL RESOURCES

<https://rice-genome-hub.southgreen.fr/organism/1941498>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>ObEXPB-01

MALATELLPSV VAPAVLACCVLLSFASGGVDRHRKLPGWVGGATWYGPANGSGT
DGGACGYQGDV GQPPFNSMIAAGSPSIYESGKGCSCYQVKCTGNPSCSGKPATVVL
TDLCPGGPCLEEVHFDLSGTAFGAMANPGQADQLRNAGKLQVQYIRVPCNWQGV
DIAFRVDAGSNQYYLAVLVEDEAGDGDLSA VDLMQPGGGGAWAAMQRSWGAVW
KYDSGPAPLQAPMSIRLTSGSRTL VASDVIPDGWQPGGTYSIVNFKWRD

CDS (coding sequence)

>ObEXPB-01

ATGGCGTTGGCAACCGAGCTCCTCCCGTCCGTCGTCGCTCCCGCGGTTCTCGCCTG
CTGCGTCTCCTCTCCTTCGCGTCCGGCGGCGTCGACCGCCACCGGAAGCTCCCC
GGCTGGCCCGTTCGGCGGCGCGACGTGGTATGGCCCTGCCAACGGCTCCGGAACC
GACGGCGGCGCATGTGGGTACCAGGGAGACGTCGGGCAGCCGCCGTTCAACTCC
ATGATCGCCCGCCGGCAGCCCGTCCATCTACGAGTCCGGCAAGGGCTGCGGCTCTT
GCTACCAGGTGAAGTGCACCGGCAACCCCTCTTGCTCCGGCAAACCGGCGACCGT
CGTCTCACCGACCTCTGCCCCGGCGGCGCCGTGTCTCGAAGAGCCCGTCCACTTC
GACCTGAGCGGGACGGCGTTCGGCGCCATGGCCAACCCCGGCCAGGCCGATCAG
CTCCGCAACGCCGGCAAGCTCCAAGTCCAATACATCAGGGTGCCGTGCAACTGGC
AGGGGGTGGACATCGCCTTCAGGGTGGACGCCGATCCAACCAGTACTACCTCGC
CGTGCTCGTCGAGGACGAGGCCGGCGACGGCGACCTGTCCGGCGGTGGACCTCAT
GCAGCCCGGCGGCGGCGGGGCGTGGGCGGCGATGCAGCGGTCGTGGGGCGCCGT
GTGGAAGTACGACTCCGGGCGGCGCCGCTGCAGGCGCCGATGTCCATCCGCCTC
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Nucleotide

>ObEXPB-01

TTGATATCACTGTTACTAATTAGTTGCAAGTTGAGTTTTAGTTGACGATTTTGGAT
CACACTCGCACCCGTGGGTAGGCAGTTCTCATCCCAATTTAGCTACCATCCCCTA
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