

## IDENTIFICATION

**Species:** *Oryza brachyantha*

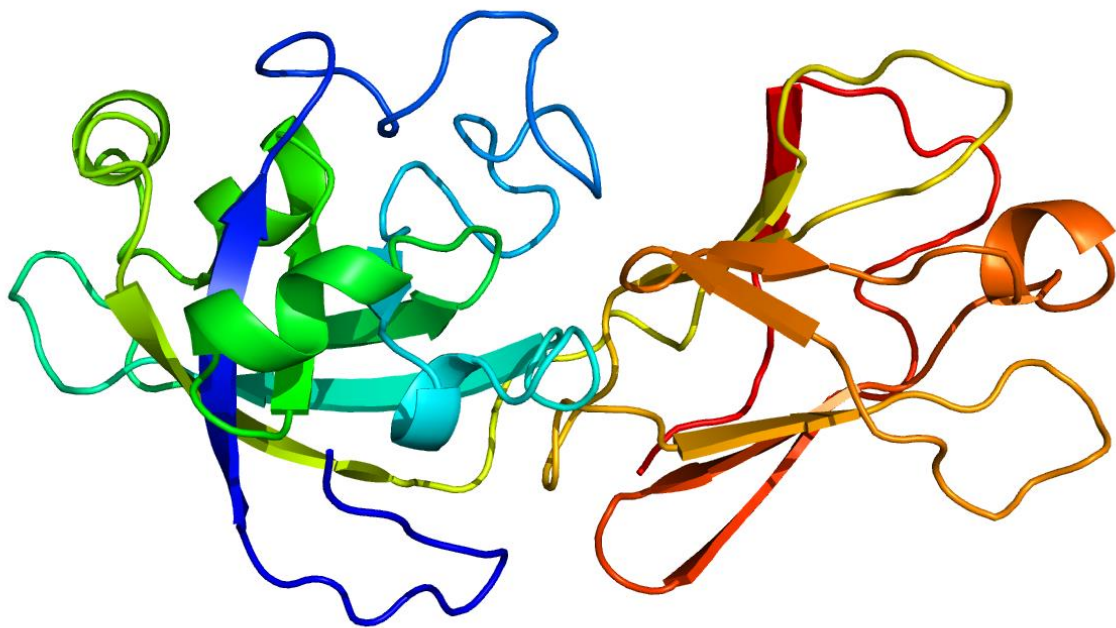
**Locus:** XP\_006647631

**Gene Model:** XP\_006647631.1

**Description:** ObEXPB-02

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

NCBI: [https://www.ncbi.nlm.nih.gov/genome/10862?genome\\_assembly\\_id=1593936](https://www.ncbi.nlm.nih.gov/genome/10862?genome_assembly_id=1593936)

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

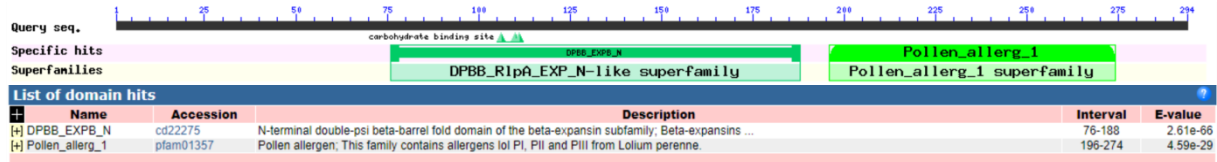
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>ObEXPB-02

MAKSCTLVLLVALVGLSLLASPIACSRKLSKPKPRARPSMQKPVVRAHNNYTGGSPS  
 SATVTSGWAAAGATYYGAPNGDGSDDGGACGSQPAVVGQRPFSSMIAAGSPSLFKGGK  
 GCGACYEVKCTTNAACSGQPATVVITDECPGGICLAGAAHFDMSGTSMGAMAKPG  
 MADKLRAAGILQVQYRRVPCKYSGVNIAFRVDQGANPFYFEVLIEFEDGDGDLNAV  
 DLMEAGSGAWTPMVQNWGALWRYNSNTGKALKAPFSLRLTSDSGKVLVANSVIPA  
 SWKPGMTYRSLVNYS

### CDS (coding sequence)

>ObEXPB-02

TCGAACTGACCATATCTAGCTAGCTAGCTATCTCTCTCTCGAGCTACTACGAGTAG  
 TTGGCTAGCTAGAGGAAGCTGCAGCAATGGCGAAATCCTGCACCTTGGTACTTCT  
 TGTCGCACTGGTCGGGCTCTCACTCCTCGCGAGCCCCATTGCTTGTCCCGCAAGC  
 TCAGTAAGCCGAAGCCGAGGGCGAGGCGAGCATGCAGAAGCCGGTGGTCCGGG  
 CTCACAACAACTACACCGGTGGTAGCCCGTCGTCGGCGACGGTCACCAGCGGCTG  
 GGCCGCCGCCGGCGCGACGTACTACGGCGCTCCTAACGGCGACGGCAGTGACGG  
 CGGCGCTTGCGGCTCCCAGCCCGCCGTCGGGCAGCGGCCCTTCTCGTCGATGATC  
 GCCGCCGGGAGCCCGTCGCTGTTCAAGGGAGGCAAGGGCTGCGGGGCGTGCTAT  
 GAGGTTAAATGCACGACCAACGCAGCTTGCTCCGGCCAGCCAGCCACCGTCGTCA  
 TCACCGACGAGTGCCCCGGGGGATCTGCCTCGCCGGCGCGGGCGCATTTTGACAT  
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 CGCCGCCGGTATCCTCCAGGTTCAGTACAGAAGGGTGCCATGCAAGTACAGTGGC  
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 CCGGCTCCGGCGCCTGGACGCCGATGGTGCAGAACTGGGGCGCACTCTGGCGGT  
 ACAACTCCAACACCGGCAAGGCGCTCAAGGCGCCCTTCTCTCTCCGGCTCACCTC  
 CGACTCCGGCAAGGTGCTCGTCGCCAACAGCGTCATCCCGGCCAGCTGGAAGCCG  
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**Nucleotide**

>ObEXPB-02

CAGGATTGAACGAGGCGGTGCATGGTTTTTCAGACTTGACTGTTAGTTGTGGATGT  
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