

## IDENTIFICATION

**Species:** *Oryza brachyantha*

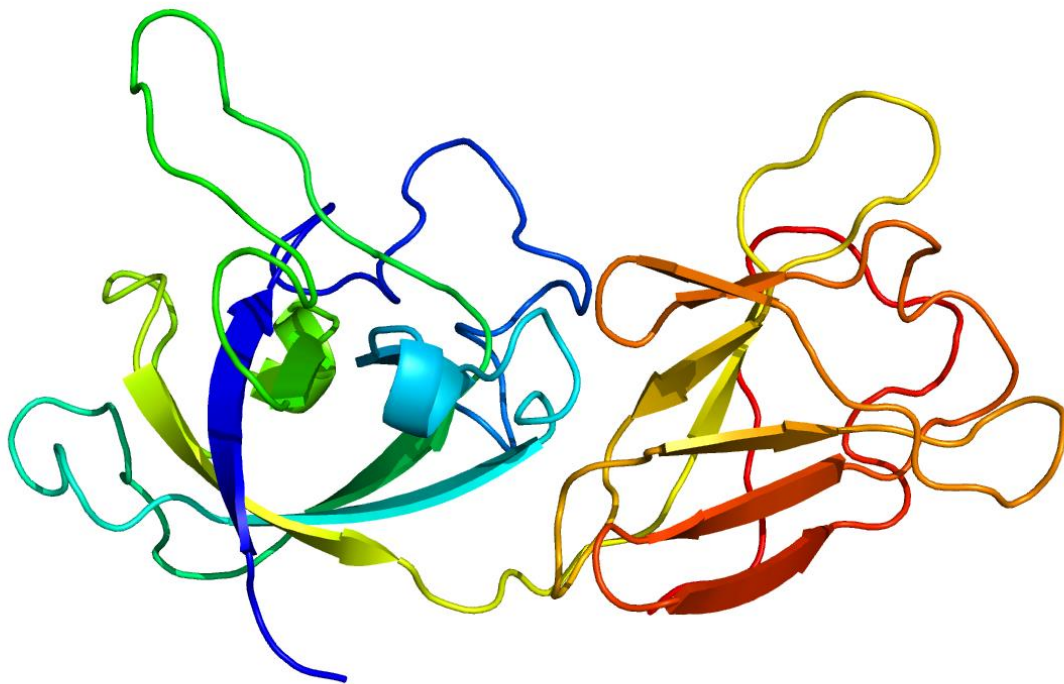
**Locus:** XP\_006654210

**Gene Model:** XP\_006654210.1

**Description:** ObEXPA-20

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

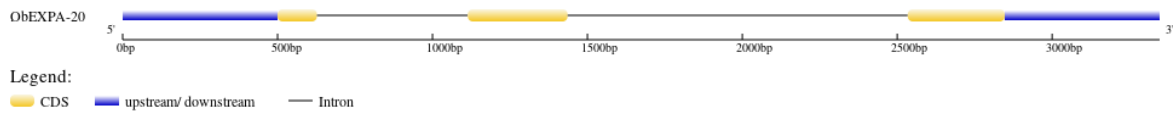
NCBI: [https://www.ncbi.nlm.nih.gov/genome/10862?genome\\_assembly\\_id=1593936](https://www.ncbi.nlm.nih.gov/genome/10862?genome_assembly_id=1593936)

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

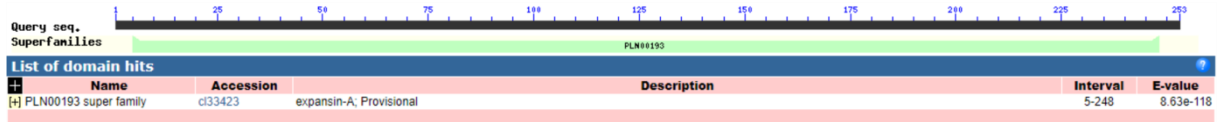
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>ObEXPA-20

MHKPALHLVLATLCAFAACKVSIAQWTPAFATFYGGSDGSGTMGGACGYGNLYNAG  
YGLNNAALSSALFNDGASCGACYLIACDAGKSRWCKAGSKPIAVTATNLCPPNYALP  
SDNGGWCNPPRQHFDMSQPAWETIAVYQAGIVPVNYVVRVSCQRSGGMRFTISGNDY  
FELVTVANVGGSGVVAQMWIKGSNTDWMAMSRNWGANWQSNAYLNGQILSFKVQ  
TDDGRVVTAWAVAPSNWFFGATYTSASWAQF

### CDS (coding sequence)

>ObEXPA-20

ATGCACAAGCCGGCCCTGCACCTCGTTCTTGCGACACTGTGCGCCTTCGCATGCA  
AGGTATCTATCGCCCAGTGGACTCCTGCCTTCGCCACGTTCTACGGCGGCAGTGA  
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GTACGGGCTGAACAACGCGGCGCTGAGCTCGGCGCTGTTCAACGACGGCGCGTC  
GTGCGGCGCCTGCTACCTGATCGCCTGCGACGCGGGCAAGAGCAGGTGGTGCAA  
GGCCGGCAGCAAGCCCATCGCCGTGACGGCCACCAACCTGTGCCCGCCCAACTAC  
GCCCTCCCCAGCGACAACGGCGGGTGGTGCAACCCGCCCGGCAGCACTTCGAC  
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TCAACTACGTGAGGGTTTCGTGCCAGAGGAGCGGGGGGATGAGGTTACAGATCA  
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CCTTCAAGGTGCAGACCGACGACGGCCGCGTCGTCACCGCGTGGGCCGTCCGCGCC  
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### Nucleotide

>ObEXPA-20

GACATTCTTTCGCAACCAAGTAGAGAAAGTCATCCATCTAGAAAATAAGCACATC  
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