

## IDENTIFICATION

**Species:** *Oryza brachyantha*

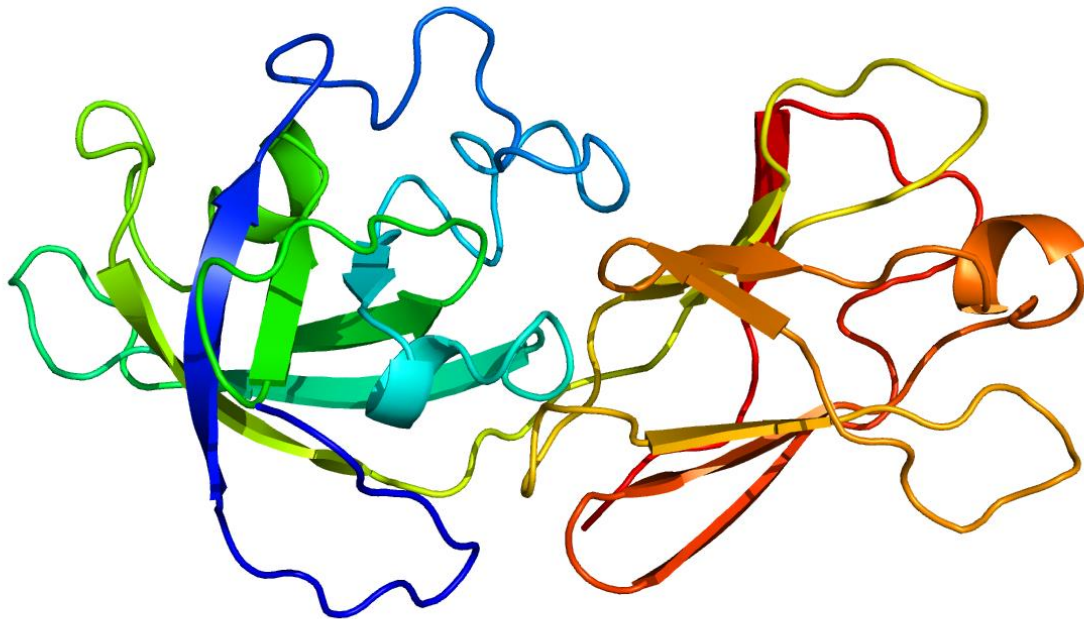
**Locus:** XP\_006655694

**Gene Model:** XP\_006654542.1

**Description:** ObEXPA-22

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

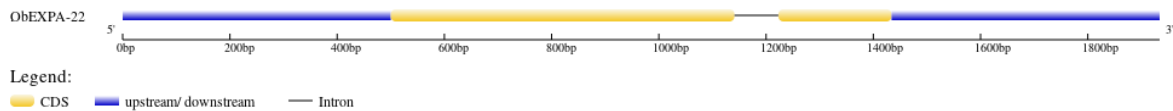
NCBI: [https://www.ncbi.nlm.nih.gov/genome/10862?genome\\_assembly\\_id=1593936](https://www.ncbi.nlm.nih.gov/genome/10862?genome_assembly_id=1593936)

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

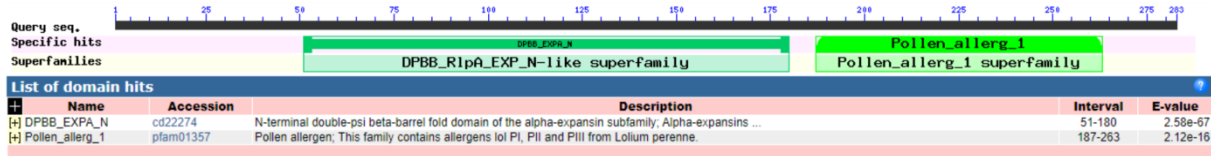
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>ObEXPA-22

MASANPAPAIFLAALAGAAAAQLAAAGFATDLYWKDPQPAPGAVTPYKTSDWQDG  
SATFYGASSGIGDDDFGGACGYTSNDILSLFSTNTAALSTPLFVTGNGCGQCVELRCVK  
SPWCNPGSPSVVLTGTNLCPNWDLPNDNGGWCTPPRHFFDMAPPSFLKLAQRVAGI  
VPVQYRRVPCQRTGGVRFCLHGNHYWLLLYVMNVGGAGDVSSLSVKRSGGSAWIQ  
AAHNWGITYQVFAALDNSVGLSVKLTITYSSPQQTIVVDDAIPPWWTTGLCYQGSNN  
FY

### CDS (coding sequence)

>ObEXPA-22

ATGGCCAGCGCGAATCCGGCTCCGGCCATCTTCCTCGCCGCCTTGGCGGGGGCGG  
CGGCGGCGCAGCTCGCCGCCGCGGGCTTTGCCACTGACCTGTACTGGAAAGACCC  
GCAGCCGGCGCCTGGCGCCGTCACGCCGTACAAGACGTCGGACTGGCAGGACGG  
CTCCGCCACCTTCTACGGCGCCTCCTCCGGCATCGGCGACGACTTCGGTGGCGCG  
TGCGGGTACACGTCCAACGACATCCTGTGCTCTTCTCGACGAACACGGCGGCGC  
TGAGCACGCCGCTGTTCGTGACCGGCAACGGCTGCGGGCAGTGCTACGAGCTGCG  
GTGCGTCAAGTCGCCGTGGTGCAACCCGGGGTCGCCGTCGGTGGTCCACGGGG  
ACCAACCTGTGCCCTCCCAACTGGGACCTCCCCAACGACAACGGCGGGTGGTGCA  
CCCCGCCGCGCCACCACTTCGACATGGCGCCGCCGTCCTTCCTCAAGCTGGCGCA  
GAGGGTCGCCGGGATCGTGCCCGTCCAGTACCGCCGCGTGCCGTGCCAGCGGAC  
GGGCGGCGTCAGGTTCTGCCTTCATGGGAACCACTACTGGCTGCTGCTCTACGTC  
ATGAACGTCGGCGGCGCCGGCGACGTCTCCTCGCTCTCCGTGAAGCGCTCCGGCG  
GCTCGGCGTGATCCAGGCGGCGCACAACTGGGGGATCACGTACCAGGTGTTTCG  
CGGCGCTGGACAACCTCGGTGGGCCTTCCGTCAAGCTCACCACCTACAGCTCGCC  
GCAGCAGACCATCGTCGTCGACGACGCCATCCCGCCCTGGTGGACCACCGGCCTC  
TGCTACCAGGGATCAAACAACCTTCTACTAA

### Nucleotide

>ObEXPA-22

TATATACATAAATCGATCAAATTTAATAATCGTATCAATTATCTATGTGATGAACT  
GATGATATATAAATGTCCATCCTTGAAAGAAAATGTTCGGTTAAGCTAGTTGGTA

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