

## IDENTIFICATION

**Species:** *Oryza sativa*

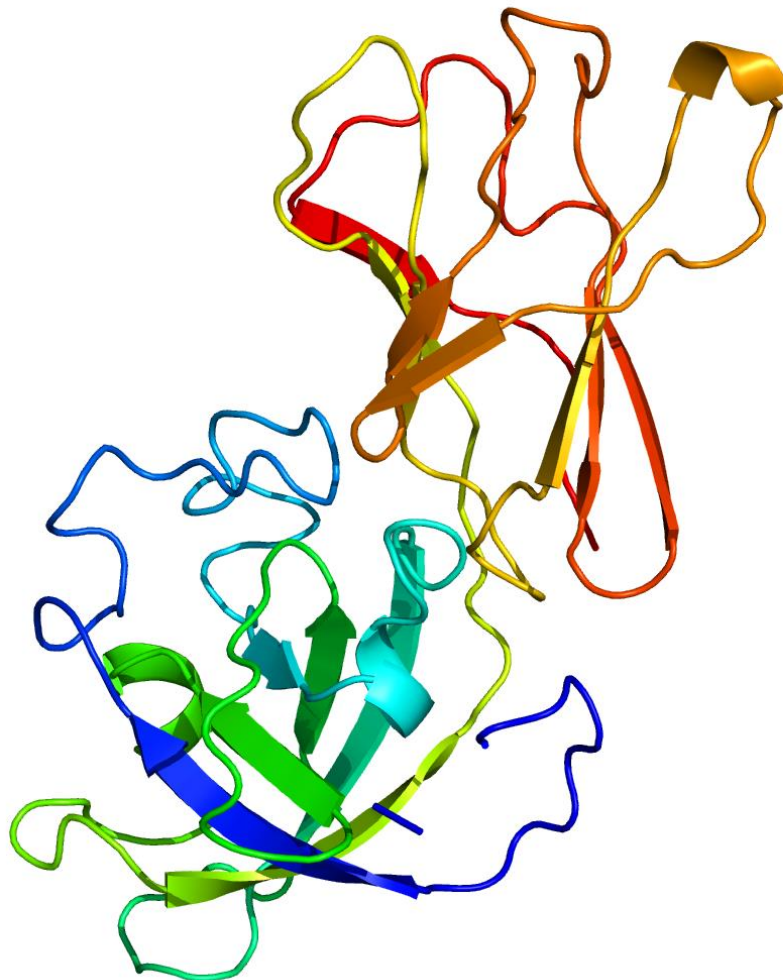
**Locus:** LOC\_Os06g01920

**Gene Model:** LOC\_Os06g01920.1

**Description:** OstEXPA-27

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

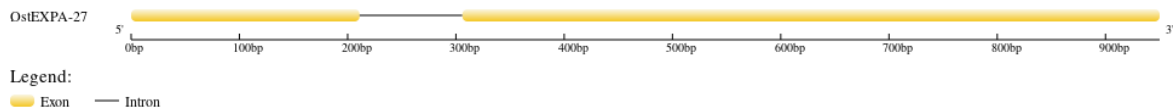
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Osativa\\_v7\\_0](https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0)

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

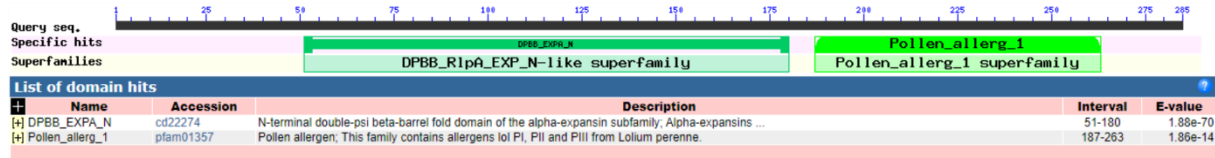
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>OstEXPA-27

MASSWNNPAIFLAAALAVATAAQVVTAGFTTDLYWQQQPAPGAVTPYKTSWDHGD  
SATFYGDPSGMGDDDFGGACGYVSNDIVSLYSTKTAALSTPLFADGNCGCQCYELRC  
VKSPWCNPGSPSVVITGTNLCPPNWYLPNDDGGWCNPPRHDFMAPP SFLKLAQRV  
AGIVPVQYRRVPCQRTGGVRFCLQGNHYWLLLYVMNVGGAGDVSSLSVKTSGGGG  
AWIQAAHNWGITYQVFAALDNSDGLTVKLT TYSTPQQTIIVSDAISPWWITGLCYQG  
SNNFY\*

### CDS (coding sequence)

>OstEXPA-27

ATGGCCAGCAGCTGGAATAATCCGGCCATCTTCCTCGCCGCCGCGCTGGCGGTGG  
CGACGGCGGCGCAGGTCGTCACGGCCGTTTCACCACAGACTTGTACTGGCAGCA  
ACAGCCGGCGCCTGGTGCCGTCACCCCCTACAAGACATCGGACTGGCACGACGG  
CTCCGCCACCTTCTACGGCGACCCCTCCGGCATGGGCGACGACTTCGGTGGCGCG  
TGCGGGTACGTGTCGAACGACATCGTGTCGCTCTACTCGACGAAGACGGCGGCGC  
TGAGCACGCCGCTGTTCGCCGACGGCAACGGGTGCGGGCAGTGCTACGAGCTGC  
GGTGCCTCAAGTCGCCGTGGTGCAACCCGGGGTCCGGTCCGGTGGTCATCACGGG  
GACCAACCTGTGCCCGCCAACTGGTACCTCCCAACGACGACGGCGGCTGGTGC  
AACCCGCCGCGGCACCACTTCGACATGGCGCCGCCCTCCTTCCTCAAGCTCGCGC  
AGAGGGTCGCCGGGATCGTGCCGGTGCAGTACCGCCGCGTGCCGTGCCAGAGGA  
CCGGCGGCGTCAGGTTCTGCCTCCAGGGGAACCACTACTGGTTGCTGCTCTACGT  
CATGAACGTCGGCGGCGCCGGCGACGTCTCCTCCCTCTCCGTCAAGACCTCCGGT  
GGCGGCGGCGCCTGGATCCAGGCGGCGCACAACTGGGGCATCACGTACCAGGTG  
TTCGCCGCGCTGGACAACCTCCGACGGCCTCACCGTCAAGCTCACCACTACAGCA  
CGCCGCAGCAGACCATCATCGTCTCCGACGCCATCTCCCCCTGGTGGATCACCGG  
ACTCTGCTACCAGGGATCCAACAACCTTCTACTAA

### Nucleotide

>OstEXPA-27

ATGGCCAGCAGCTGGAATAATCCGGCCATCTTCCTCGCCGCCGCGCTGGCGGTGG  
CGACGGCGGCGCAGGTCGTCACGGCCGTTTCACCACAGACTTGTACTGGCAGCA

ACAGCCGGCGCCTGGTGCCGTCACCCCCTACAAGACATCGGACTGGCACGACGG  
CTCCGCCACCTTCTACGGCGACCCCTCCGGCATGGGCGACGACTTCGGTACGTAG  
TATCGTCTTCATTTCAATTTGCTTTTCTCTCCGGCCATGAACGCCGACGAGCTATAT  
AACGAATGCATGTACTACTACTGCTATATAGGTGGCGCGTGCGGGTACGTGTCGA  
ACGACATCGTGTCGCTCTACTCGACGAAGACGGCGGGCGCTGAGCACGCCGCTGTT  
CGCCGACGGCAACGGGTGCGGGCAGTGCTACGAGCTGCGGTGCGTCAAGTCGCC  
GTGGTGCAACCCGGGGTCGCCGTCGGTGGTCATCACGGGGACCAACCTGTGCCCCG  
CCCAACTGGTACCTCCCCAACGACGACGGCGGGCTGGTGCAACCCGCCGCGGCACC  
ACTTCGACATGGCGCCGCCCTCCTTCCTCAAGCTCGCGCAGAGGGTTCGCCGGGAT  
CGTGCCGGTGCAGTACCGCCGCGTGCCGTGCCAGAGGACCGGGCGGCGTCAGGTTC  
TGCCTCCAGGGGAACCACTACTGGTTGCTGCTCTACGTCATGAACGTCGGCGGGCG  
CCGGCGACGTCTCCTCCCTCTCCGTCAAGACCTCCGGTGGCGGGCGGCGCCTGGAT  
CCAGGCGGGCGCACAACCTGGGGCATCACGTACCAGGTGTTCCGCCGCGCTGGACAA  
CTCCGACGGCCTCACCGTCAAGCTCACACCTACAGCACGCCGACGACAGACCATC  
ATCGTCTCCGACGCCATCTCCCCCTGGTGGATCACCGGACTCTGCTACCAGGGAT  
CCAACAACCTTCTACTAA