

## IDENTIFICATION

**Species:** *Oryza sativa*

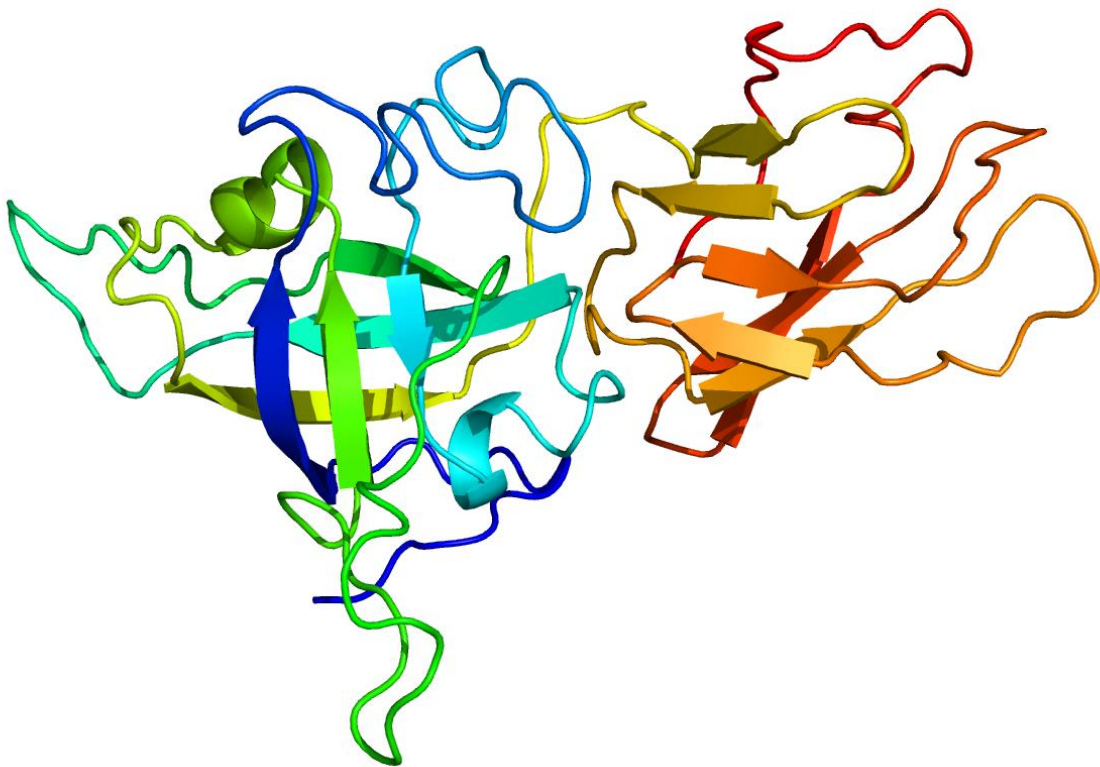
**Locus:** LOC\_Os02g16780

**Gene Model:** LOC\_Os02g16780.1

**Description:** OstEXPA-06

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

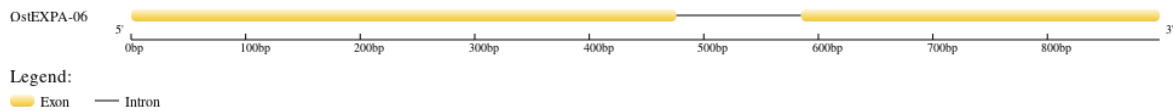
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Osativa\\_v7\\_0](https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0)

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

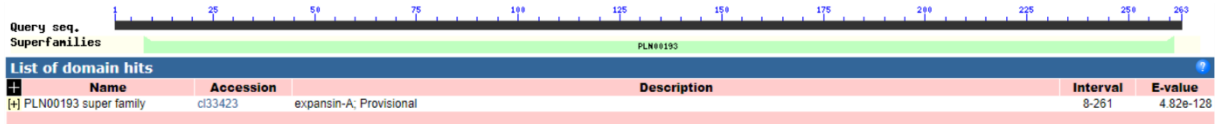
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>OstEXPA-06

MASSPRAFALVFFAIAAVGCTQLTTADDAAPPVWQKAHATFYGGADASGTMGGGC  
GYGDLYSQGYGTRNAALSTALFNDGASCGQCYKIACDRKRAPQWCKPGVTVTITAT  
NFCPPNWDLPDNGGWCNPPRPHFDMAQPAWEKIGIYSAGIIPVIYQRPVCIKKGVR  
FTINGHDYFNLVLTNVATTGSIKSMDIMGSNSTDWMPMVRNWXANWHSLSYLTG  
QTLSFRVTNMDGQTLVFKNIVPSGWKFGQTFSTKLQFK\*

### CDS (coding sequence)

>OstEXPA-06

ATGGCTTCATCGCCTCGAGCTTTCGCGTTGGTGTTTTTTCGCAATCGCGGCCGTCGG  
CTGCACTCAGCTGACCACGGCCGACGACGCGGCTCCGCCCGTGTGGCAGAAGGC  
GCACGCGACGTTCTACGGCGGCGCCGACGCGTCGGGCACCATGGGAGGCGGGTG  
CGGGTATGGCGACCTGTACTCGCAGGGGTACGGCACGCGGAACGCGGCGCTGAG  
CACGGCGCTGTTCAACGACGGCGCGTCTGTCGGGCAGTGCTACAAGATCGCCTGC  
GACCGGAAGAGGGCGCCGCACTGGTGCAAGCCCGGCGTCACGGTCACCATCACC  
GCCACCAACTTCTGCCCGCCCAACTGGGACCTGCCAGCGACAATGGTGGCTGGT  
GCAACCCGCCGCGGCCGCACTTCGACATGGCGCAGCCGGCGTGGGAGAAGATTG  
GCATCTACAGCGCGGCATCATCCCGTTATCTACCAAAGGGTTCATGCATAAA  
GAAGGGTGGGGTGC GGTTTACCATTAACGGGCACGACTACTTCAATCTTGTGCTC  
GTGACAAACGTTGCAACCACTGGTTCGATCAAGTCAATGGACATCATGGGATCCA  
ACTCAACCGACTGGATGCCAATGGTGAGAACTGGGGTGCAAACCTGGCACTCAC  
TATCGTATCTCACAGGGCAGACGCTCTCCTTCAGGGTGACTAACATGGATGGCCA  
GACGCTTGTCTTCAAGAACATTGTGCCATCTGGATGGAAATTTGGGCAAACATTT  
ACAAGCAAGCTGCAATTCAAGTAA

### Nucleotide

>OstEXPA-06

ATGGCTTCATCGCCTCGAGCTTTCGCGTTGGTGTTTTTTCGCAATCGCGGCCGTCGG  
CTGCACTCAGCTGACCACGGCCGACGACGCGGCTCCGCCCGTGTGGCAGAAGGC  
GCACGCGACGTTCTACGGCGGCGCCGACGCGTCGGGCACCATGGGAGGCGGGTG  
CGGGTATGGCGACCTGTACTCGCAGGGGTACGGCACGCGGAACGCGGCGCTGAG

CACGGCGCTGTTCAACGACGGCGCGTCGTGCGGGCAGTGCTACAAGATCGCCTGC  
GACCGGAAGAGGGCGCCGCAGTGGTGCAAGCCCGGCGTCACGGTCACCATCACC  
GCCACCAACTTCTGCCCCGCCAACTGGGACCTGCCAGCGACAATGGTGGCTGGT  
GCAACCCGCGCGGCCGCACTTCGACATGGCGCAGCCGGCGTGGGAGAAGATTG  
GCATCTACAGCGCGGGCATCATCCCGGTTATCTACCAAAGGTACATAAAATATAA  
TTTGACAGCAAAACAAAAATATCATTTTTCGGACATATTGTACCTATGACATGACG  
ATAGAACAGATTTGTAACAATTTTTTGTAAATGTTTTTCAGGGTTCCATGCATAAAGA  
AGGGTGGGGTGCGGTTTACCATTAACGGGCACGACTACTTCAATCTTGTGCTCGT  
GACAAACGTTGCAACCACTGGTTCGATCAAGTCAATGGACATCATGGGATCCAAC  
TCAACCGACTGGATGCCAATGGTGAGAACTGGGGTGCAAACCTGGCACTCACTAT  
CGTATCTCACAGGGCAGACGCTCTCCTTCAGGGTGACTAACATGGATGGCCAGAC  
GCTTGTCTTCAAGAACATTGTGCCATCTGGATGGAAATTTGGGCAAACATTTACA  
AGCAAGCTGCAATTCAAGTAA