

## IDENTIFICATION

**Species:** *Oryza sativa*

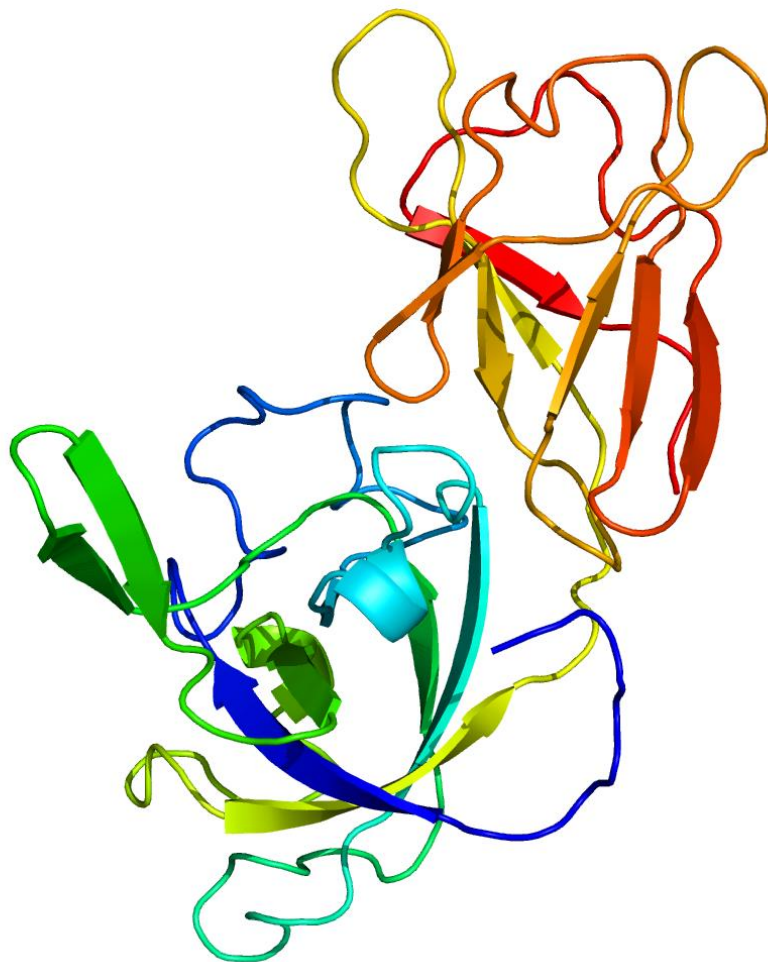
**Locus:** LOC\_Os03g06020

**Gene Model:** LOC\_Os03g06020.1

**Description:** OstEXPA-14

**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>

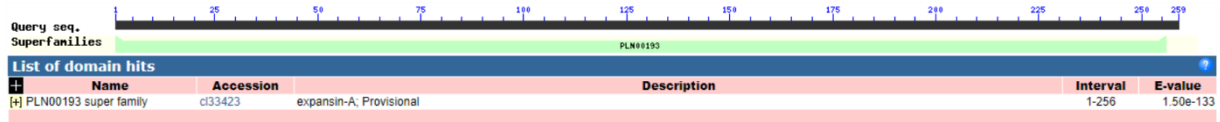
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>OstEXPA-14

MWKKKKTPSILPLVVVIAAASLIAPTTAGWSSGTATFYGGSDASGTMGGACGYGNL  
YWSGYGTNTAALSSALFNDGASCGQCYQIACDHQAEPWCLQGRTVTITGTNLCP  
NYALSSNDGGWCNPPRTHFDMAEPAWLQIGIYKAGIVPPLYQRVPCVKQGGVRF  
TMGGFNYFELVLISNVAGSGSIQSVVVKGPNTDRMPLSRNWGANWQSHAGLVGQ  
TLTFGVTSTGGQTLVFNIVPAWWKFGQSFSSNLQFSY\*

### CDS (coding sequence)

>OstEXPA-14

ATGTGGAAGAAGAAGAAGACACCGAGCATTCTGCCGCTCGTCGTTGTCATCGCCG  
CGGCGTCGCTCATCGCGCCGACGACGGCAGGCTGGTCCAGTGGCACGGCCACGTT  
CTACGGCGGCAGCGACGCTCCGGGACGATGGGTGGGGCGTGTGGGTACGGGAA  
CCTGTACTGGTCCGGGTACGGGACGAACACGGCGGCGCTGAGCTCGGCGCTGTT  
AACGACGGCGCGTCTGTGCGGGCAGTGCTACCAGATCGCGTGCGACCACCAGGCC  
GAGCCGCGGTGGTGCCTGCAGGGGAGGACGGTGACCATCACCGGGACCAACCTG  
TGCCCGCCAACTACGCCCTCTCCAGCAACGACGGCGGCTGGTGAACCCGCCTC  
GCACGCACTTCGACATGGCCGAGCCCGCCTGGCTCCAGATCGGCATCTACAAGGC  
CGGTATCGTGCCGGTGTGTACCAGAGGGTGCCGTGCGTGAAGCAGGGAGGGGT  
TCGGTTCACCATGGGAGGGTTCAACTACTTCGAGCTGGTGTGATCTCGAACGTG  
GCCGGGAGCGGGTCGATCCAGTCGGTGTGGGTGAAGGGGCCGAACACCGACAGG  
ATGCCCTGAGCAGGAAGTGGGGCGCGAACTGGCAGTCGCACGCCGGCCTCGTC  
GGCCAGACGCTCACCTTCGGCGTCACCTCCACCGGCGGCCAGACCCTCGTCTTCC  
AGAACATCGTGCCGGCGTGGTGGAAAGTTCGGCCAGTCATTCTCCTCCAACCTCA  
GTTTCCTACTAA

### Nucleotide

>OstEXPA-14

ATGTGGAAGAAGAAGAAGACACCGAGCATTCTGCCGCTCGTCGTTGTCATCGCCG  
CGGCGTCGCTCATCGCGCCGACGACGGCAGGCTGGTCCAGTGGCACGGCCACGTT  
CTACGGCGGCAGCGACGCTCCGGGACGATGGGTACGTATACGCATTGGCGCAC  
CAGTAAGTAGGTACAGTTTCAGAGTCGTCGTTAGCTAACAGAGGCCAGGTGAGGT  
GACCACGCACAGGTGGGGCGTGTGGGTACGGGAACCTGTACTGGTCCGGGGTACG

GGACGAACACGGCGGCGCTGAGCTCGGCGCTGTTCAACGACGGCGCGTCGTGCG  
GGCAGTGCTACCAGATCGCGTGCGACCACCAGGCCGAGCCGCGGTGGTGCCTGC  
AGGGGAGGACGGTGACCATCACCGGGACCAACCTGTGCCCGCCAACTACGCC  
TCTCCAGCAACGACGGCGGCTGGTGCAACCCGCCTCGCACGCACTTCGACATGGC  
CGAGCCCGCCTGGCTCCAGATCGGCATCTACAAGGCCGGTATCGTGCCGGTGCTG  
TACCAGAGGTACGTATACTACAATAATATTGGACGGTTTGACTCTCCATGTCCAT  
GATAATTAAGTCAAACCAATGCCATTA ACTATTCACTAATTAATCATCATTACTAC  
GTACGATCTGTGATTCTTTGTGGACGTATGTAGGGTGCCGTGCGTGAAGCAGGGA  
GGGGTTCGGTTCACCATGGGAGGGTTCAACTACTTCGAGCTGGTGCTGATCTCGA  
ACGTGGCCGGGAGCGGGTTCGATCCAGTCGGTGTGGGTGAAGGGGCCGAACACCG  
ACAGGATGCCCTGAGCAGGAACTGGGGCGCGAACTGGCAGTCGCACGCCGGCC  
TCGTCCGCCAGACGCTCACCTTCGGCGTCACCTCCACCGGCCGAGACCCTCGT  
CTTCCAGAACATCGTGCCGGCGTGGTGGAAGTTCGGCCAGTCATTCTCCTCCAAC  
CTCCAGTTTTCCTACTAA