

## IDENTIFICATION

**Species:** *Oryza sativa*

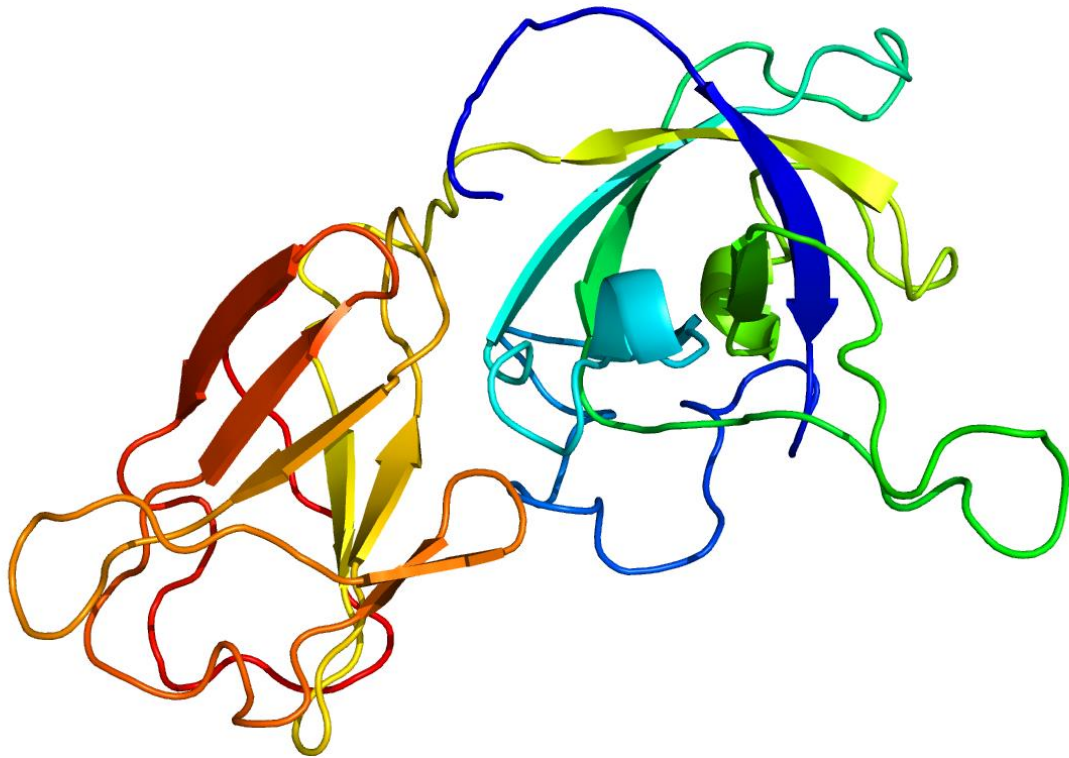
**Locus:** LOC\_Os01g60770

**Gene Model:** LOC\_Os01g60770.1

**Description:** OstEXPA-04

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

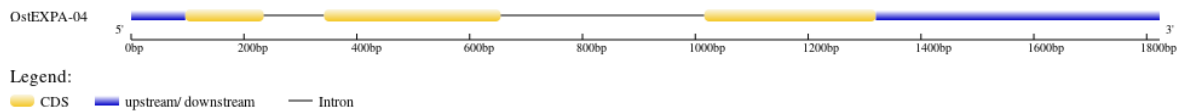
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Osativa\\_v7\\_0](https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0)

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

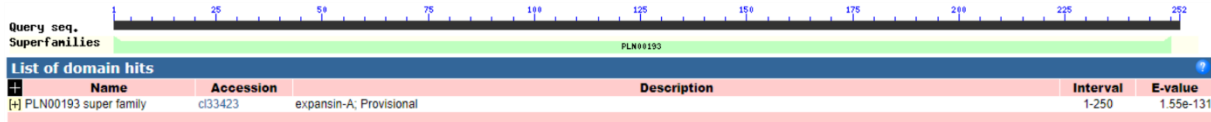
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>OstEXPA-04

MASRSSALLLLFS AFCFLARRAAADYGSWQSAHATFYGGGDASGTMGGACGYGNL  
YSTGYGTNTAALSTVLFNDGAACGSCYELRCDNDGQWCLPGSVTVTATNLCPPNYA  
LPNDDGGWCNPPRPHFDMAEPAFLQIGVYRAGIVPVS YRRVPCVKKGGIRFTINGHS  
YFNLVLVTNVAGPGDVQSVSIKGSSTGWQPMSRNWQNWQSN SYLDGQSLSFQVA  
VSDGRTVTSNNVVPAGWQFGQTFEGGQF\*

### CDS (coding sequence)

>OstEXPA-04

ATGGCCTCACGCAGTAGTGCCCTGCTCCTCCTTCTCGGCCTTCTGCTTCCTCGC  
CCGGCGAGCCGCCGCGACTACGGCTCCTGGCAGAGCGCCACGCCACGTTCTAC  
GGCGGCGGCATGCGTCCGGCACGATGGGCGGGGCGTGTGGGTATGGGAACCTG  
TACAGCACCGGGTACGGCACCAACACGGCGGGCGCTGAGCACGGTGCTGTTCAAC  
GACGGCGCGGCGTGC GGGTTCGTGCTACGAGCTGCGGTGCGACAACGATGGGCAG  
TGGTGCTGCCGGGCAGCGTCACCGTCACCGCCACCAACCTGTGCCCGCCGA  
ACTACGCGCTCCCAACGACGACGGCGGCTGGTGCAACCCGCCGCGCCCCACTTCGA  
CATGGCCGAGCCGGCCTTCCTCCAGATCGGCGTGTACCGCGCCGGCATCGTGCC  
GTCTCCTACAGAAGGGTGCCGTGCGTGAAGAAGGGCGGGATCAGGTTACCATC  
AACGGGCACTCCTACTTCAACCTGGTTCTTGTGACCAACGTGGCCGGCCAGGCG  
ACGTGCAGTCCGTGTCGATCAAGGGGTCCAGCACCGGGTGGCAGCCCATGTCCCG  
CAACTGGGGCCAGAACTGGCAGAGCAACTCCTACCTCGACGGCCAGAGCCTCTCC  
TTCCAGGTGCGCGTCAGCGACGGCCGACCGTCACCAGCAACAACGTCGTGCCGG  
CCGGCTGGCAGTTCGGCCAGACCTTCGAGGGCGGCCAGTTCTGA

### Nucleotide

>OstEXPA-04

ACAACCAAGCAACCATCGATTGATCCTAGCTTAAGCCGAGTGAAGTAGCTAGCA  
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AGTGCCCTGCTCCTCCTTCTCGGCCTTCTGCTTCCTCGCCGGCGAGCCGCCGC  
CGACTACGGCTCCTGGCAGAGCGCCACGCCACGTTCTACGGCGGGCGGCGATGCG  
TCCGGCACGATGGGTACGTGTGCACTGCTCCTCGTAACACTTTGTTTTTTTTTTCTTT  
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TCTACTTGGGTCAATGGGTACAGAGTGAGTGGCAAACCTGTTTGCAACTTGAAGCC  
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CAGGCCATGTGTAGGTGGGCCACCCGGCAGATTTGGTTTGTCCACGATCTGTCCG  
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TCACCATCAACGGGCACTCCTACTTCAACCTGGTTCTTGTGACCAACGTGGCCGG  
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CATGTCCCGCAACTGGGGCCAGAACTGGCAGAGCAACTCCTACCTCGACGGCCA  
GAGCCTCTCCTTCCAGGTCGCCGTCAGCGACGGCCGCACCGTCCACCAGCAACAAC  
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