

## IDENTIFICATION

**Species:** *Oryza sativa* Kitaake

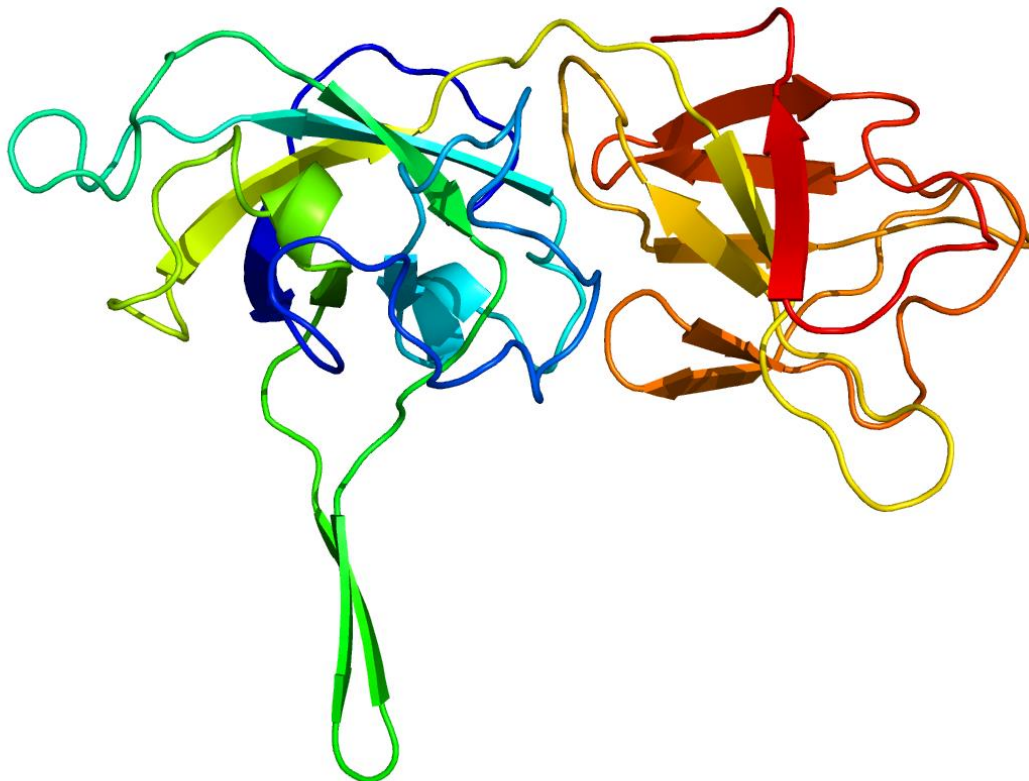
**Locus:** OsKitaake03g043700

**Gene Model:** OsKitaake03g043700.1.p

**Description:** OskEXPA-12

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

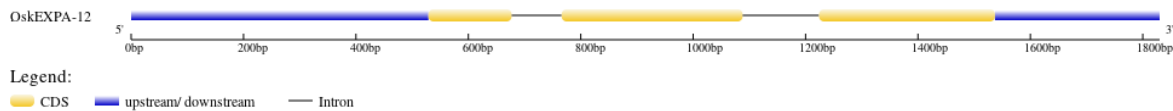
Phytozome: [https://phytozome-next.jgi.doe.gov/info/OsativaKitaake\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1)

KEGG:-

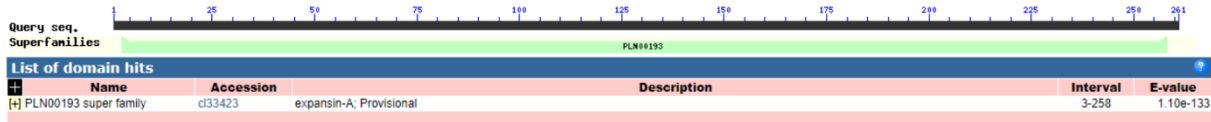
## EXTERNAL RESOURCES

[https://rice-genome-hub.southgreen.fr/bio\\_data/185326](https://rice-genome-hub.southgreen.fr/bio_data/185326)

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>OskEXPA-12

MAMWKKKKTPSILPLVVVIAAASLIAPTTAGWSSGTATFYGGSDASGTMGGACGYG  
NLYWSGYGTNTAALSSALFNDGASCGQCYQIACDHQAEPRWCLQGRVTITGTNLC  
PPNYALSSNDGGWCNPPRTHFDMAEPAWLQIGIYKAGIVPVLYQRVPCVKQGGVRF  
TMGGFNYPFELVLISNVAGSGSIQSVWVKGPNTDRMPLSRNWGANWQSHAGLVGQT  
LTFGVTSTGGQTLVFQNIWPAWWKFGQSFSSNLQFSY\*

### CDS (coding sequence)

>OskEXPA-12

ATGGCGATGTGGAAGAAGAAGAAGACACCGAGCATTCTGCCGCTCGTCGTTGTC  
ATCGCCGCGGCGTCGCTCATCGCGCCGACGACGGCAGGCTGGTCCAGTGGCACG  
GCCACGTTCTACGGCGGCAGCGACGCCTCCGGGACGATGGGTGGGGCGTGTGGG  
TACGGGAACCTGTACTGGTCGGGGTACGGGACGAACACGGCGGGCGCTGAGCTCG  
GCGCTGTTCAACGACGGCGCGTCGTGCGGGCAGTGCTACCAGATCGCGTGCGACC  
ACCAGGCCGAGCCGCGGTGGTGCCTGCAGGGGAGGACGGTGACCATCACCGGGA  
CCAACCTGTGCCCGCCAACTACGCCCTCTCCAGCAACGACGGCGGCTGGTGCAA  
CCCGCCTCGCACGCACTTCGACATGGCCGAGCCCGCCTGGCTCCAGATCGGCATC  
TACAAGGCCGGTATCGTGCCGGTGTGTACCAGAGGGTGCCGTGCGTGAAGCAG  
GGAGGGGTTTCGGTTCACCATGGGAGGGTTCAACTACTTCGAGCTGGTGCTGATCT  
CGAACGTGGCCGGGAGCGGGTCGATCCAGTCGGTGTGGGTGAAGGGGCCGAACA  
CCGACAGGATGCCCTGAGCAGGAAGTGGGGCGCGAACTGGCAGTCGCACGCCG  
GCCTCGTCGGCCAGACGCTCACCTTCGGCGTCACCTCCACCGGCGGCCAGACCCT  
CGTCTTCCAGAACATCGTGCCGGCGTGGTGGAAGTTCGGCCAGTCATTCTCCTCC  
AACCTCCAGTTTTCTACTAA

### Nucleotide

>OskEXPA-12

ATGTGAGCAAGTACCATAGCTGCCGCTTGCTTGCCTCTCATATCTCACCAAATCCT  
TCCATGGCGTGTCAACTCTGTCAACTAAACAATTCACAAGATAGCCGGTTTAAGA  
AGCGTAAATAGTTCAGCTAATCATTCCCCTTGCCCTTGGGTGAGCTGAGCATGC  
AGCAGCAGAGAACATGCGGAAGTGGCAGCGTGATCAGCTTAATTACGGATCGAA  
TATAAGACGCGTAGCTGCAGATCGATCTGGTGGAGAGAAATGAGAGAAATCTTCTT

CTTCGTTTGCATGTTAGTGTGCCTGCAAAGAAGCTACGAAGAAACAAGGAGATCA  
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CCAATGCCATTA ACTATTCTACTAATTAATCATCATTACTACGTACGATCTGTGATT  
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TCGTTCTGTACGTAGATGATGTTAAA ACTACATTCTTGATGTACATTGTTCCCACC  
GGGAAATGAAATTATATGCTG