

## IDENTIFICATION

**Species:** *Oryza sativa* Kitaake

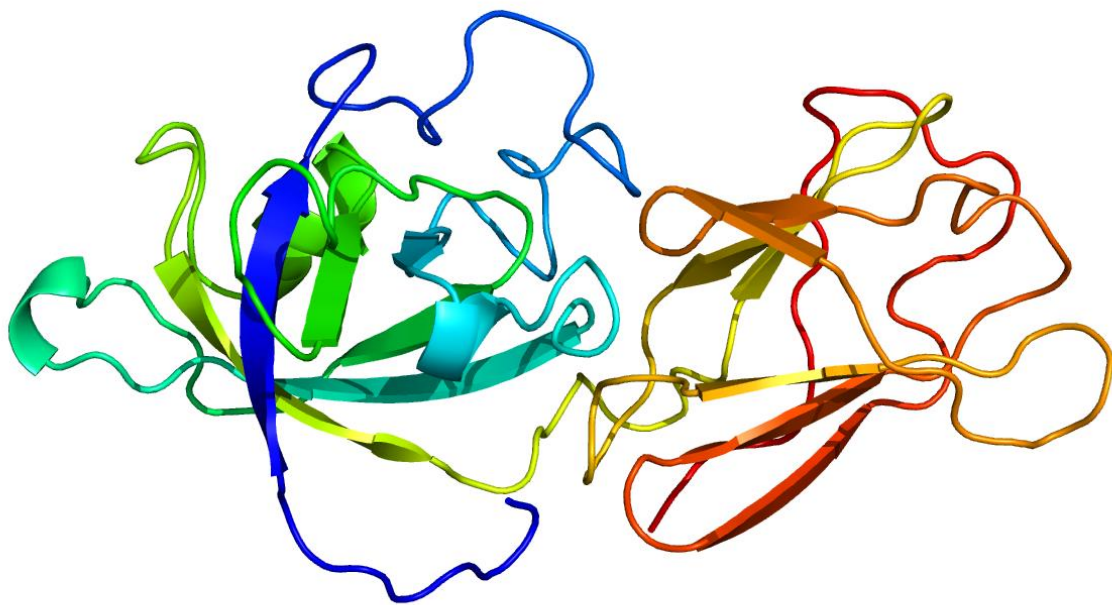
**Locus:** OsKitaake03g044000

**Gene Model:** OsKitaake03g044000.1.p

**Description:** OskEXPA-15

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

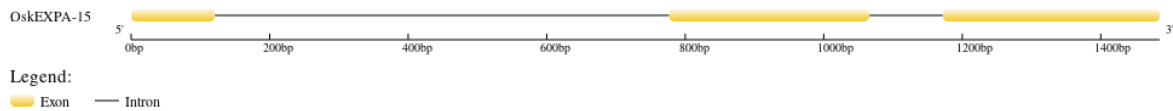
Phytozome: [https://phytozome-next.jgi.doe.gov/info/OsativaKitaake\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1)

KEGG:-

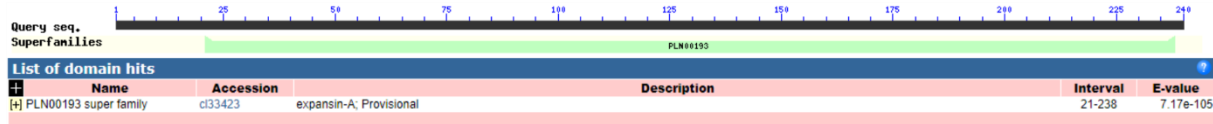
## EXTERNAL RESOURCES

[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-15

MGNILLQLLAVVALCIAPARSDWLPGTATFYGGADGSGTMGGACGYGNLYDQRYGI  
NNAALSTPLFNDGASCGQCYLIICDYGKAPDWCKLGKAITVTGTNYGGWCNATRPY  
FDMSQPAWENIGIYSAGIVPILYQQVKCWRYGGVRFIINGFNYPFELVLVTNMAGSGSI  
VSMSVKGSGCTGWIQMTRNWGANWQCLAGLAGQALSFNVTSTGGQTIVFDDAVPAG  
WSFGQTFSTYHQFDY\*

### CDS (coding sequence)

>OskEXPA-15

ATGGGGAACATTCTCCTGCAGCTGCTCGCCGTTGTTGCACTCTGCATTGCACCGGC  
GAGGTTCGGACTGGCTCCCGGGCACCGCCACGTTCTACGGCGGGCGCCGACGGCTCC  
GGCACCATGGGTGGCGCGTGCAGGGTACGGCAACCTGTACGACCAGCGCTACGGC  
ATCAACAACGCAGCGCTGAGCACGCCGCTGTTCAACGACGGCGCGTCTGTCGGG  
CAGTGCTACCTCATCATCTGCGACTACGGCAAGGCGCCGACTGGTGCAAGCTCG  
GCAAGGCGATCACCGTGACGGGCACCAACTACGGCGGCTGGTGCAACGCGACCC  
GCCCTTACTTCGACATGTCCCAGCCTGCCTGGGAGAACATTGGCATCTACAGCGC  
TGGCATCGTCCCCATCCTCTACCAACAGGTGAAGTGCTGGAGGTATGGGGGAGTG  
AGGTTTCATCATCAACGGGTTCAACTACTTCGAGCTGGTGCTGGTGACCAACATGG  
CCGGGAGCGGGTTCGATCGTGAGCATGTCGGTGAAGGGGTCATGCACGGGGTGA  
TCCAGATGACGAGGAATTGGGGCGCCAATTGGCAGTGTCTCGCTGGACTGGCCGG  
ACAGGCGCTCAGCTTCAATGTACCTCCACCGGCGGCCAGACCATCGTCTTCGAC  
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TCGACTACTGA

### Nucleotide

>OskEXPA-15

ATGGGGAACATTCTCCTGCAGCTGCTCGCCGTTGTTGCACTCTGCATTGCACCGGC  
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CAACGCAGCGCTGAGCACGCCGCTGTTCAACGACGGCGCGTCGTGCGGGCAGTG  
CTACCTCATCATCTGCGACTACGGCAAGGCGCCCGACTGGTGCAAGCTCGGCAAG  
GCGATCACCGTGACGGGCACCAACTACGGCGGCTGGTGCAACGCGACCCGCCCTT  
ACTTCGACATGTCCCAGCCTGCCTGGGAGAACATTGGCATCTACAGCGCTGGCAT  
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