

## IDENTIFICATION

**Species:** *Oryza sativa Kitaake*

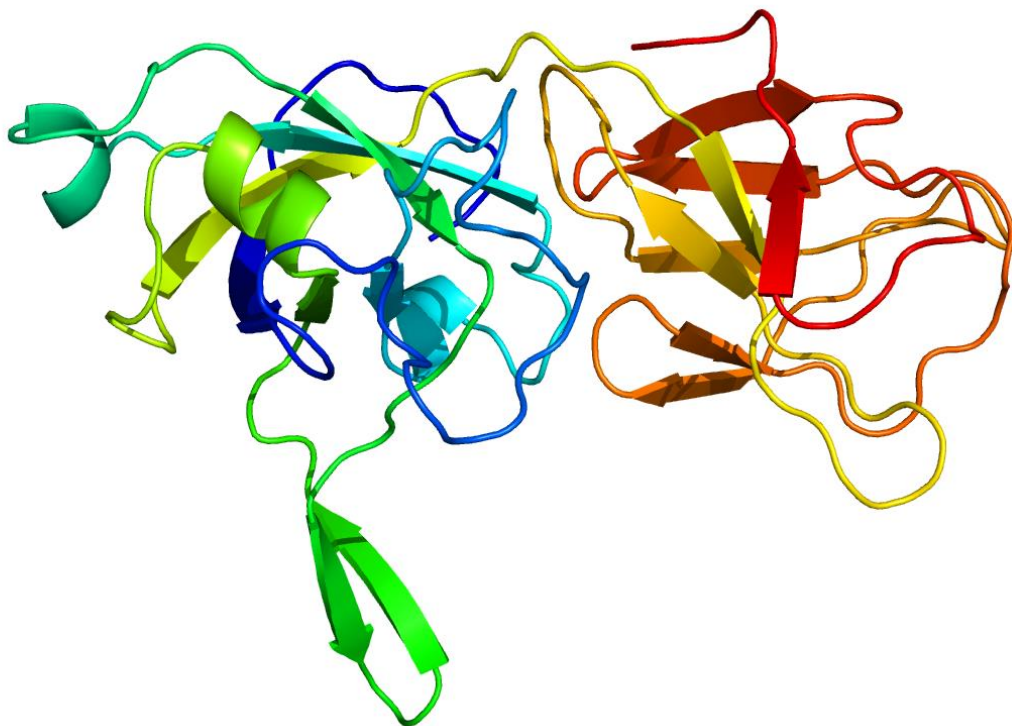
**Locus:** OsKitaake01g103800

**Gene Model:** OsKitaake01g103800.1.p

**Description:** OskEXPA-02

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

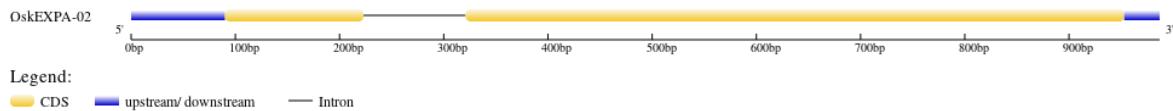
Phytozome: [https://phytozome-next.jgi.doe.gov/info/OsativaKitaake\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1)

KEGG:-

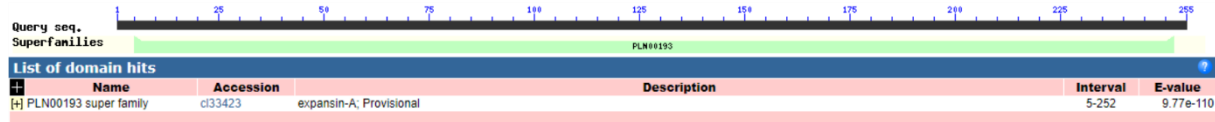
## EXTERNAL RESOURCES

[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-02

MEKKLLVVLFLSLCCASRLRGEAAQQWTSATATFYGGSDASGTMGGSCGYGNMYS  
AGYGTNTTALSSALYGDGASCGACYLVTCDASATRWCKNGTSVTVTATNYCPPNYS  
ESGDAGGWCNPPRRHFDMSQPAWEAIAVYSSGIVPVRYARTPCRRVGGIRFGIAGHD  
YYELVLVTNVAGSGAVAAAWVKGSGTEWLSMSRNWGENWQSNAYLTGQALSFRV  
QADDGGVVTAYDVAPANWQFGSTYQSDVNFSY\*

### CDS (coding sequence)

>OskEXPA-02

ATGGAGAAGAAGCTGTTGGTCGTCTTGTTCCTAAGCCTGTGCTGCGCGTCTCGGC  
TCCGCGGCGAGGCGGCGCAGCAGTGGACGTCGGCCACCGCCACGTTCTACGGCG  
GCAGCGACGCGTCCGGCACCATGGGTGGATCGTGCGGGTACGGCAACATGTACA  
GCGCCGGGTACGGGACGAACACGACGGCGCTGAGCTCGGCGCTGTACGGCGACG  
GCGCGTCGTGCGGCGCGTGCTACCTCGTCACCTGCGACGCCTCGGCGACGCGGTG  
GTGCAAGAACGGCACGTCGGTGACCGTGACGGCGACCAACTACTGCCCGCCCAA  
CTACAGCGAGTCCGGCGACGCCGGCGGGTGGTGCAACCCGCCGCGGCGCCACTT  
CGACATGTTCGCAGCCGGCGTGGGAGGCGATCGCCGTGTACAGCTCCGGCATCGTC  
CCCGTACAGGTACGCGCGGACGCCGTGCAGGCGCGTCCGGCGGCATCCGGTTCGGC  
ATCGCCGGGCACGACTACTACGAGCTGGTGCTCGTCACCAACGTCGCCGGCAGCG  
GCGCCGTGGCGGCGGCGTGGGTGAAGGGCTCCGGGACGGAGTGGCTGTTCGATGA  
GCCGGAAC TGGGGGGAGA ACTGGCAGAGCAACGCGTACCTCACCGGCCAGGCGC  
TGTCGTT CAGGGTGCAGGCCGACGACGGCGGCGTTCGTCACGGCGTACGACGTCGC  
TCCGGCGA ACTGGCAGTTCGGGTCCACCTACCAGTCCGACGTC AACTTCTCCTAC  
TAG

### Nucleotide

>OskEXPA-02

CGCGTGATCTCTCGTCGTCAACCGCTGCTTGCTTATAAGTATCATGAGAAGAAAT  
GCTAGTTGCTCTTCAGGTCAAGTTTCAGCAGCGAGATGGAGAAGAAGCTGTTGGT  
CGTCTTGTTCCTAAGCCTGTGCTGCGCGTCTCGGCTCCGCGGCGAGGCGGCGCAG  
CAGTGGACGTCGGCCACCGCCACGTTCTACGGCGGCAGCGACGCGTCCGGCACC  
ATGGGTAACCTGGACGAACACCTTA ACTGCGTGACAGCTTTGATCACCATCCGGC

CAATGCGGCAGTGCAGCACGCATCGCTTAGCTGCTTTGATCATGCAGGTGGATCG  
TGCGGGTACGGCAACATGTACAGCGCCGGGTACGGGACGAACACGACGGCGCTG  
AGCTCGGCGCTGTACGGCGACGGCGCGTCGTGCGGGCGCGTGCTACCTCGTCACCT  
GCGACGCCTCGGGCAGCGCGGTGGTGCAAGAACGGCACGTCGGTGACCGTGACGG  
CGACCAACTACTGCCCGCCAACTACAGCGAGTCCGGCGACGCCGGCGGGTGGT  
GCAACCCGCCGCGGCCACTTCGACATGTCGCAGCCGGCGTGAGGAGGCGATCG  
CCGTGTACAGCTCCGGCATCGTCCCCGTCAGGTACGCGCGGACGCCGTGCAGGCG  
CGTCGGCGGCATCCGGTTCGGCATCGCCGGGCACGACTACTACGAGCTGGTGCTC  
GTCACCAACGTCGCCGGCAGCGGGCGCCGTGGCGGGCGGCGTGAGGAGGCTCC  
GGGACGGAGTGGCTGTCGATGAGCCGGAAGTGGGGGAGAACTGGCAGAGCAAC  
GCGTACCTCACCGGCCAGGCGCTGTCGTTCAAGGTGCAGGCCGACGACGGCGGC  
GTCGTACGGCGTACGACGTCGCTCCGGCGAACTGGCAGTTCGGGTCCACCTACC  
AGTCCGACGTCAACTTCTCCTACTAGGCCTGTCACCTGTGCAGGAATTTCTTCTTG  
GGCC