

## IDENTIFICATION

**Species:** *Oryza sativa Kitaake*

**Locus:** OsKitaake01g103700

**Gene Model:** OsKitaake01g103700.1.p

**Description:** OskEXPA-01

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

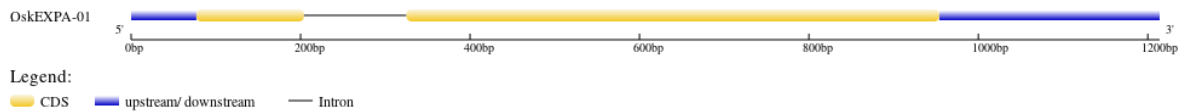
Phytozome: [https://phytozome-next.jgi.doe.gov/info/OsativaKitaake\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1)

KEGG:-

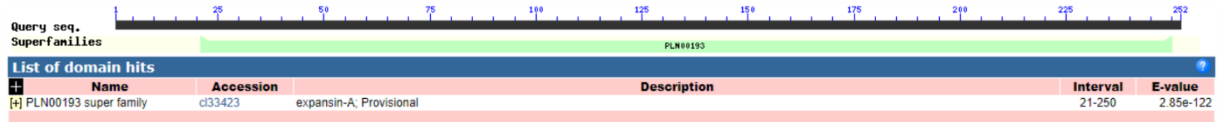
## EXTERNAL RESOURCES

[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-01

MAAARMLVLLASLCALLLTASAAKWTPAFATFYGGSDASGTMGGACGYGDLYGAG  
YGTRTAALSTALFNGGASCGACFTIACDTRKTQWCKPGTSITVTATNFCPPNYALSG  
DAGGWCNPPRRHFDMSQPAWETIAVYRAGIVPVNYRRVPCQRSGGIRFAVNGHSYF  
ELVLVTNVGGSGAVAQMWIKSGTGWMAMSRNWGANWQSNARLDGQALSFRVQ  
ADDGRVVTAADVAPAGWSFGATYTSSAQFY\*

### CDS (coding sequence)

>OskEXPA-01

ATGGCGGCCCGCCAGAATGCTCGTGCTCCTGGCCTCTCTCTGCGCTCTCCTGCTCAC  
GGCGTCCGCGGCCAAATGGACTCCTGCCTTCGCGACGTTCTACGGCGGCAGCGAC  
GCCTCCGGCACCATGGGCGGCGCATGCGGGTACGGCGACCTGTACGGCGCCGGG  
TACGGGACGCGGACGGCGGCGCTGAGCACGGCGCTGTTCAACGGCGGCAGCGCTCG  
TGCGGCGCCTGCTTCACCATCGCTGCGACACCCGCAAGACGCAGTGGTGCAAGC  
CGGGGACGTCCATCACCGTGACGGCGACCAACTTCTGCCCTCCAAACTACGCCCT  
GTCCGGCGACGCCGGCGGGTGGTGCAACCCGCCGCGCCGCCACTTCGACATGTCCG  
CAGCCGGCGTGGGAGACGATCGCGGTGTACCGCGCCGGGATCGTGCCCGTGAAC  
TACCGCCGCGTGCCGTGCCAGCGGAGCGGCGGCATCCGGTTCGCCGTGAACGGG  
CACAGCTACTTCGAGCTGGTGCTGGTGACGAACGTCGGCGGCAGCGGCGCGGTG  
GCGCAGATGTGGATCAAGGGGTCCGGGACGGGGTGGATGGCGATGAGCCGCAAC  
TGGGGCGCGAACTGGCAGAGCAACGCGCGCCTCGACGGGCAGGCGCTGTCGTTC  
CGGGTGCAGGCCGACGACGGCCGCGTCTGTCACGGCGGCCGACGTCGCGCCGGCG  
GGGTGGTTCGTCGCGCCACCTACACCTCCTCGGCTCAGTTCTACTGA

### Nucleotide

>OskEXPA-01

ACAACACAAGAAGCCAGTTACAATAATTTAGAAGCAAAGAAAACTGTACCGA  
GCTTGCATTGCAGTGACGCGACAATGGCGGCCCGCCAGAATGCTCGTGCTCCTGGC  
CTCTCTCTGCGCTCTCCTGCTCACGGCGTCCGCGGCCAAATGGACTCCTGCCTTCG  
CGACGTTCTACGGCGGCAGCGACGCCTCCGGCACCATGGGTTAGTAGCAAATTA  
GCTCAGCTAATCACCATGCATGTGTTAATTAATCTTTTGCAAAGTTAATTGGCAT  
TTACAATAATGGAGTTTGGTCTCTCTCTCGTCTCGTGTGTGATATCCAGGCGGCGC

ATGCGGGTACGGCGACCTGTACGGCGCCGGGTACGGGACGCGGACGGCGGGCGCT  
GAGCACGGCGCTGTTCAACGGCGGGCGCGTCGTGCGGGCGCCTGCTTCACCATCGCC  
TGCACACCCGCAAGACGCAGTGGTGCAAGCCGGGGACGTCCATCACCGTGACG  
GCGACCAACTTCTGCCCTCCAAACTACGCCCTGTCCGGCGACGCCGGCGGGTGGT  
GCAACCCGCCGCGCCGCCACTTCGACATGTTCGCAGCCGGCGTGGGAGACGATCG  
CGGTGTACCGCGCCGGGATCGTGCCCGTGAACACCGCCGCGTGCCGTGCCAGCG  
GAGCGGCGGCATCCGGTTCGCCGTGAACGGGCACAGCTACTTCGAGCTGGTGCTG  
GTGACGAACGTCGGCGGCAGCGGGCGCGGTGGCGCAGATGTGGATCAAGGGGTCC  
GGGACGGGGTGGATGGCGATGAGCCGCAACTGGGGCGCGAACTGGCAGAGCAAC  
GCGCGCCTCGACGGGCAGGCGCTGTCGTTCCGGGTGCAGGCCGACGACGGCCGC  
GTCGTACGGCGGCCGACGTCGCGCCGGCGGGGTGGTCGTTCCGGCGCCACCTACA  
CCTCCTCGGCTCAGTTCTACTGATGAGCATTAATTGCAAGCCTATCTCATTTAATT  
AATCTGGACCGTTCGATGTAGTATATTGTATGCTTTGATCGACGTGGCATAGGAT  
GGAAGAGGCCCGCCACGAAGAAAATTTGGGACTTGTGTATATATCATTGTACCGC  
ACTTTGTTTTTTTTCTTTTTTGATTTGCTACTGTACTATACGCACGTAAGTTGTGCTT  
TTTCTTGTATTTGTATTGGCACATGGAAGTATCGTGTGGAGATTGCTTTAATTAAT  
TCCA