

## IDENTIFICATION

**Species:** *Oryza sativa Kitaake*

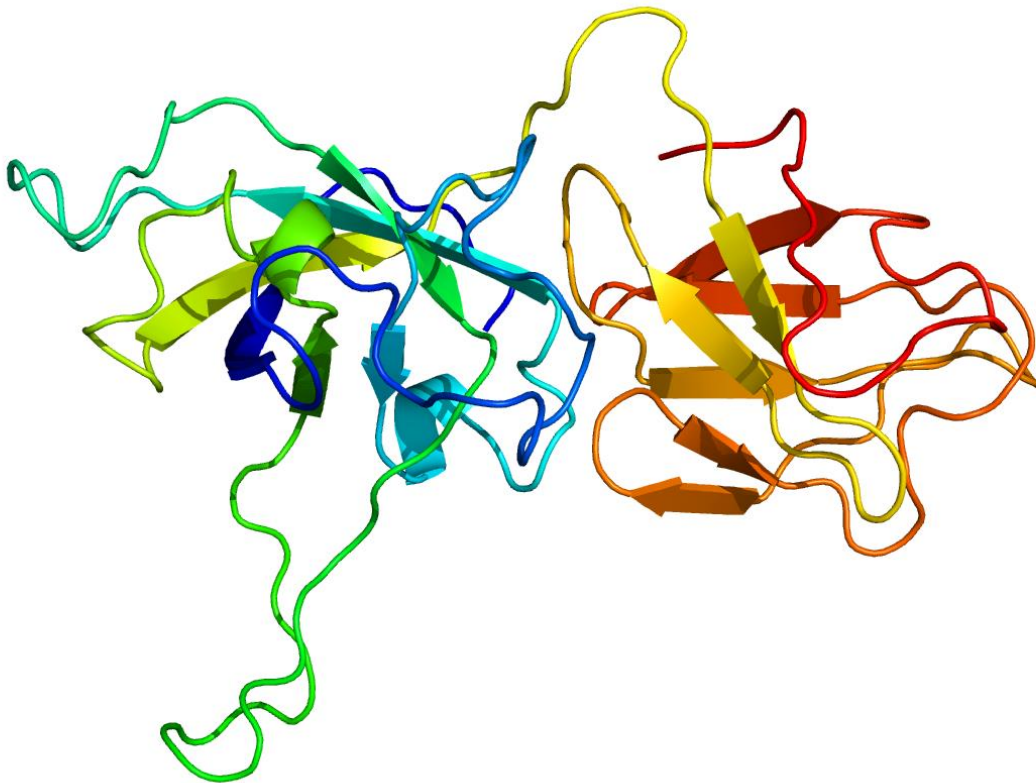
**Locus:** OsKitaake03g223300

**Gene Model:** OsKitaake03g223300.1.p

**Description:** OskEXPA-18

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

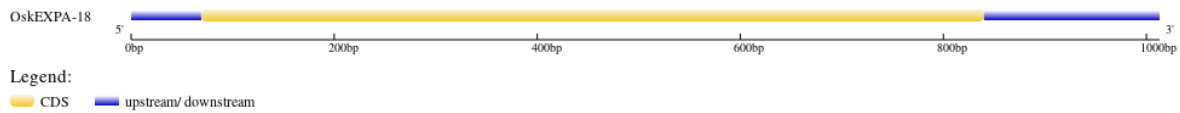
Phytozome: [https://phytozome-next.jgi.doe.gov/info/OsativaKitaake\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1)

KEGG:-

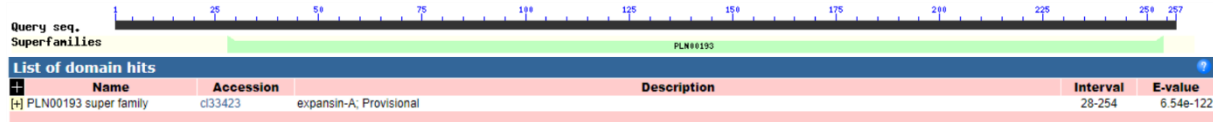
## EXTERNAL RESOURCES

[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-18

MDMAMSSRLALCLAVVAACAAGGAVADWSPATATFYGGSDGSGTMGGACGYGNL  
YDQGYGVDNAALSQALFNDGASCGQCYLIVCDTSRAPQWCKAGTAVTVTATNLCP  
NWALPSDGGGWCNPPRPHFDMSQPAWEQIGVYQAGIVPVLVYQVRVRCWRQGGVRF  
VAGLNYFELVLITNVAGSGSVASAWIKGTNTGWIQMSRNWGANWQSLAGLAGQAL  
SFAVTTTGGQYLQFQDVAPAWWQFGQTFSTYQQFDY\*

### CDS (coding sequence)

>OskEXPA-18

ATGGACATGGCCATGTCGTCGCGGCTGGCTCTGTGCCTCGCGGTGGTCGCGGCGT  
GCGCGGCGGGCGGCGCGGTGGCCGACTGGTCACCGGCGACGGCGACGTTCTATG  
GCGGGAGCGACGGGTCCGGGACGATGGGCGGCGCGTGCGGGTACGGCAACCTGT  
ACGACCAGGGGTACGGCGTGGACAACGCGGGCGCTGAGCCAGGCGCTGTTCAACG  
ACGGCGCGTTCGTGCGGGCAGTGCTACCTGATCGTCTGCGACACGAGCAGGGCGC  
CGCAGTGGTGCAAGGCCGGCACGGCGGTGACCGTGACGGCGACCAACCTGTGCC  
CGCCAACTGGGCGCTCCCGAGCGACGGCGGCGGGTGGTGCAACCCGCCGCGGC  
CGCACTTCGACATGTCGCAGCCGGCGTGGGAGCAGATCGGCGTGTACCAGGCCG  
GGATCGTGCCGGTGTGTACCAGCGGGTGGAGGTGCTGGCGCCAGGGCGGGGTGC  
GGTTCACCGTCGCCGGCCTCAACTACTTCGAGCTCGTGCTCATCACCACGTCGC  
CGGCAGCGGATCGGTGGCCAGCGCGTGGATCAAGGGGACCAACACCGGGTGGAT  
CCAGATGTGCGGAACTGGGGCGCCAACTGGCAGTCGCTCGCCGGGCTCGCCGG  
CCAGGCGCTCAGCTTCGCCGTCACCACCACCGGCGGCCAGTACCTGCAGTTCAG  
GACGTGGCGCCGGCGTGGTGGCAGTTCGGCCAGACCTTCTCCACCTACCAGCAGT  
TCGACTACTAG

### Nucleotide

>OskEXPA-18

ATCACTCGCAACACCAAAGCAGAGTTAGCTAGTACTACTACACTTGCAACGCTCC  
ATCAAAAGTTTTGCATGGACATGGCCATGTCGTCGCGGCTGGCTCTGTGCCTCGC  
GGTGGTCGCGGCGTGC GCGGGCGGGCGGCGCGGTGGCCGACTGGTCACCGGCGAC  
GGCGACGTTCTATGGCGGGAGCGACGGGTCCGGGACGATGGGCGGCGCGTGC GG  
GTACGGCAACCTGTACGACCAGGGGTACGGCGTGGACAACGCGGCGCTGAGCCA

GGCGCTGTTCAACGACGGCGCGTCGTGCGGGCAGTGCTACCTGATCGTCTGCGAC  
ACGAGCAGGGGCGCCGCAGTGGTGCAAGGCCGGCACGGCGGTGACCGTGACGGCG  
ACCAACCTGTGCCCCGCCAACTGGGCGCTCCCGAGCGACGGCGGGCGGGTGGTGC  
AACCCGCCGCGGCCGCACTTCGACATGTCGCAGCCGGCGTGGGAGCAGATCGGC  
GTGTACCAGGCCGGGATCGTGCCGGTGCTGTACCAGCGGGTGAGGTGCTGGCGCC  
AGGGCGGGGTGCGGTTCACCGTCGCCGGCCTCAACTACTTCGAGCTCGTGCTCAT  
CACCAACGTCGCCGGCAGCGGATCGGTGGCCAGCGCGTGGATCAAGGGGACCAA  
CACCGGGTGGATCCAGATGTCGCGGAACTGGGGCGCCA ACTGGCAGTCGCTCGC  
CGGGCTCGCCGGCCAGGCGCTCAGCTTCGCCGTCACCACCACCGGCGGCCAGTAC  
CTGCAGTTCCAGGACGTGGCGCCGGCGTGGTGGCAGTTCGGCCAGACCTTCTCCA  
CCTACCAGCAGTTCGACTACTAGATGATGAGTAAAATGGTTCGTCATTTTAACGG  
AGCTTAGCTAGCAATAGCAAAGCTGTACTTCCTTCCACCGCTTATTCCTTTATTCC  
TGTGCTGCTCGATCGTCACACGATCGATGCTGATAATCTGTTTCCTAAATTTTCC  
TTGATTCTATTGCCAATATTAATTATGTA