

## IDENTIFICATION

**Species:** *Oryza sativa* Kitaake

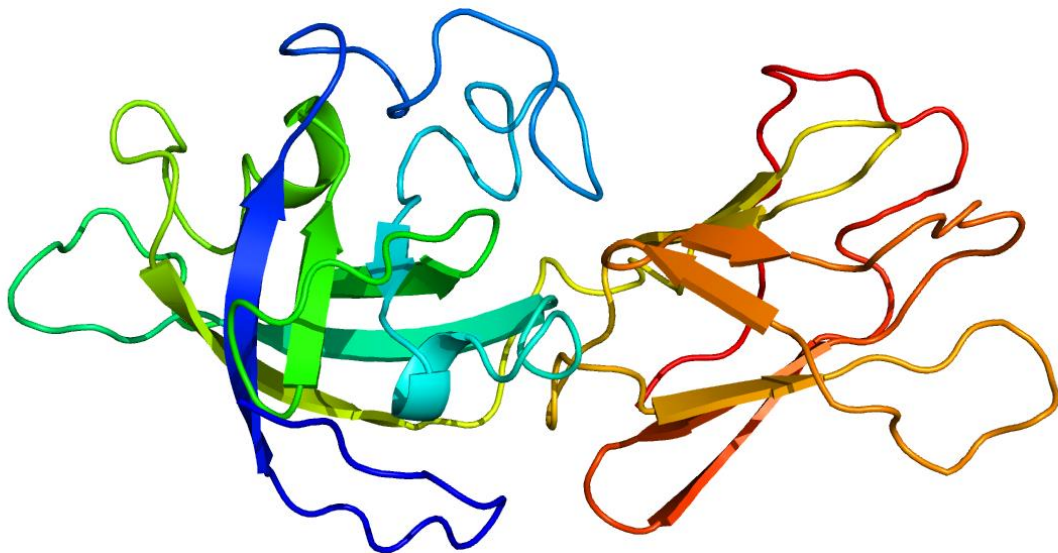
**Locus:** OsKitaake02g117900

**Gene Model:** OsKitaake02g117900.1.p

**Description:** OskEXPA-04

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

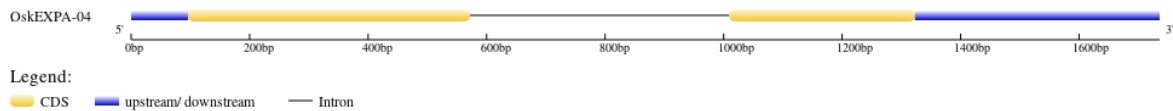
Phytozome: [https://phytozome-next.jgi.doe.gov/info/OsativaKitaake\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1)

KEGG:-

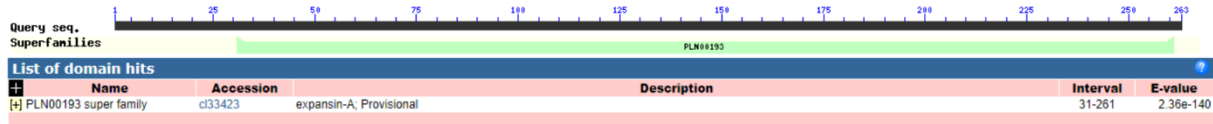
## EXTERNAL RESOURCES

[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-04

MAGVARMLAAVVCAIMPAAAMAAGGVGALEPSGWVRAHATFYGGADASGTMGG  
ACGYGNLYAQGYGTRTAALSTALFNDGLACGQCYKLVCDRKTDRTWCKPGVSVTI  
TATNFCPPNWDLPSSDGGWCNPPRPHFDMAQPAWEKIGIYRGGIIPVIYQRPCKMK  
GGVRFTHNGHDYFQLVLLTNVGAAGSIKAMDVKGSKSPDWMAMAHNWGAQWHS  
AYLTGQGLSFRVTITDGQTLVFPNVVRPGWRFQTFASNIQFK\*

### CDS (coding sequence)

>OskEXPA-04

ATGGCGGGCGTTCGCTCGCATGCTCGCGGCCGTGGTCTGCGCGATCATGCCGGCGG  
CGGCGATGGCGGCCGGCGGCGTGGGCGCGCTGGAGCCGAGCGGGTGGGTGAGGG  
CGCACGCGACGTTCTACGGCGGCGCGGACGCGTCGGGAACCATGGGCGGGGCGT  
GCGGGTACGGCAACCTGTACGCGCAGGGGTACGGCACGAGGACGGCGGGCGCTCA  
GCACGGCGCTGTTCAACGACGGCCTCGCCTGCGGGCAGTGCTACAAGCTCGTCTG  
CGACCGCAAGACGGACCGGACGTGGTGCAAGCCGGGCGTCTCCGTCACCATCAC  
CGCCACCAACTTCTGCCCCGCCAACTGGGACCTCCCCAGCGACAGCGGCGGCTGG  
TGCAACCCGCGCGCCCCACTTCGACATGGCCCAGCCCCGCTGGGAGAAGATCG  
GCATCTACCGCGGCGGCATCATCCCCGTCATCTACCAAAGGGTTCCTTGCATGAA  
GAAGGGCGGGGTGCGGTTACCATCAACGGGCACGACTACTTCCAGCTGGTGCTG  
CTGACCAACGTCGGGGCGGCCGGCTCGATCAAGGCCATGGACGTGAAGGGCTCC  
AAGTCGCCGGACTGGATGGCCATGGCGCACAACCTGGGGCGCCAGTGGCACTCG  
CTGGCCTACCTACCGGCCAGGGCCTCTCCTTCCGGGTACCATCACCGATGGCC  
AGACGCTCGTCTTCCCCAACGTCGTTCCGCCCGGATGGAGGTTCCGGCCAAACGTT  
CGCGAGCAACATACAGTTCAAGTGA

### Nucleotide

>OskEXPA-04

GTTTACCATTCTCGAACACCATCATCCACAAACACACAAGTACATCTCGATCG  
AAGCTAGCTAGACTAGAGCACGCACACGTACGATCTCGTCCATGGCGGGCGTCCG  
TCGCATGCTCGCGGCCGTGGTCTGCGCGATCATGCCGGCGGGCGGCGATGGCGGCC  
GGCGGCGTGGGCGCGCTGGAGCCGAGCGGGTGGGTGAGGGGCGCACGCGACGTT  
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CTGTACGCGCAGGGGTACGGCACGAGGACGGCGGGCGCTCAGCACGGCGCTGTTC  
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CCTTCTGGTATATAGCTATTTTGGTTCAAAA