

## IDENTIFICATION

**Species:** *Oryza sativa* Kitaake

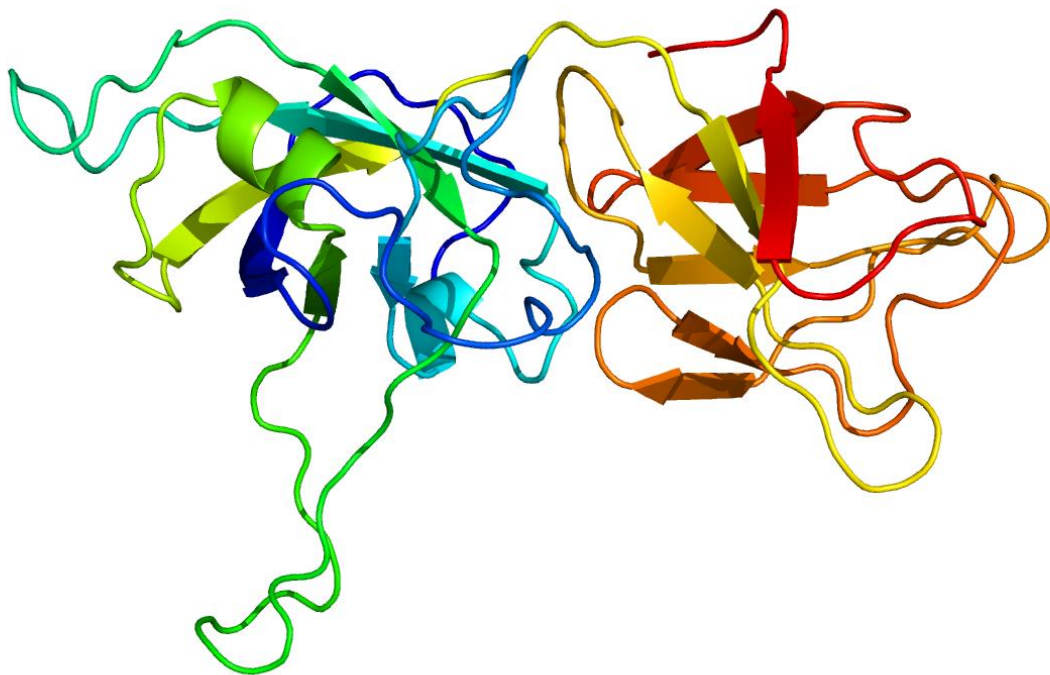
**Locus:** OsKitaake06g284503

**Gene Model:** OsKitaake06g284503.1.p

**Description:** OskEXPA-27

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

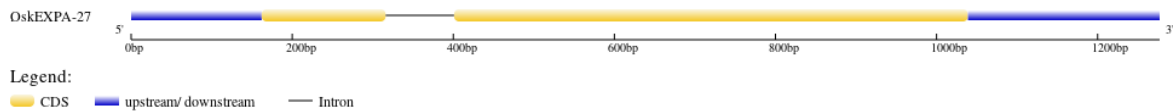
Phytozome: [https://phytozome-next.jgi.doe.gov/info/OsativaKitaake\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1)

KEGG:-

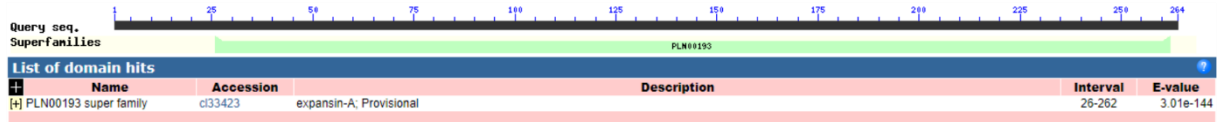
## EXTERNAL RESOURCES

[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-27

MARRGHVFAVVAFVSYALLAAASTTVEAFAASGWSKGTATFYGGSDASGTMGGAC  
GYGNLYTQGYGTRTAALSTALFDDGASCGQCYALTCDARADPRWCRAVASVTVTA  
TNFCPPNYALPSSDDGGWCNPPRPHFDMAQPAWERIGVYRGGIVPVAFRRVPCRRRG  
GVRFTVAGRDYFELVLVTNVAAGSVRSMEVVRGSRRGAGWMAMSRNWGANWQS  
LAYLDGQGLSFRVTATDGQTIVFAGVPPSWRFGQTFASTQQFM\*

### CDS (coding sequence)

>OskEXPA-27

ATGGCGCGCCGTGGCCATGTGTTTCGCCGTGGTGGCGTTCGTCAGCTACGCGCTGC  
TCGCCGCCGCTCGACGACGGTGGAGGCGTTCGCGGCGTCGGGCTGGAGCAAGG  
GCACCGCCACCTTCTACGGCGGCAGCGACGCCTCCGGCACCATGGGCGGTGCGTG  
CGGGTACGGCAACCTGTACACGCAAGGGTACGGGACGCGGACGGCGGGCGCTGAG  
CACGGCGCTGTTTCGACGACGGCGCGTTCGTGCGGGCAGTGCTACGCGCTGACCTGC  
GACGCGAGGGCGGACCCGCGGTGGTGCCGCGCGGGGGCGTCGGTGACGGTGACG  
GCCACCAACTTCTGCCCGCCAACTACGCGCTCCCAGCGACGACGGCGGCTGGT  
GCAACCCGCCGCGGCCGCACTTCGACATGGCGCAGCCGGCGTGGGAGCGGATCG  
GCGTGTACCGGGGCGGCATCGTGCCGGTGGCGTTCGCGCGCGTGCCGTGCCGGAG  
GCGCGGCGGCGTGCAGTTCACGGTGGCCGGGCGGGACTACTTCGAGCTGGTGCTG  
GTGACGAACGTGGCGGCGGCTGGGTTCGGTGAGGTCGATGGAGGTGAGGGGCAGC  
CGCCGTGGCGCCGGGTGGATGGCCATGTTCGCGCAACTGGGGCGCCAACTGGCAG  
TCGCTGGCGTACCTCGACGGGCAGGGCCTCTCGTTCGGGGTCACCGCCACCGACG  
GCCAGACCATCGTCTTCGCCGGCGTTCGTGCCCGCGTTCGTGGAGGTTTCGGCCAGAC  
GTTTCGCGAGCACCCAGCAGTTCATGTAG

### Nucleotide

>OskEXPA-27

TTAATTTTCGCCCGCAAGCCATGGCTCTGCATGTGCAAAGCTATCTCTCGCGTGTAT  
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ATGGCGCAGCCGGCGTGCGGAGCGGATCGGCGTGTACCGGGGGCGGCATCGTGCCG  
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CGTGCCCGCGTCGTGGAGGTTCCGGCCAGACGTTTCGCGAGCACCCAGCAGTTCATG  
TAGCTAGTCTCACTCTCGCTCGGGTCCCTTTGGTTGGCACTTGGCAGTGGCGTTG  
TTTGCTATACTTTGCTCTCTTCTGTTGGTGTAAATTAGCAGCCCGCCAACGATTTG  
TGCTATGTAATCGTGTTAATTTGACAGTTTTTGTGGTGTATTGAGAAGACTTGTCC  
ACGTATCAATCTAGCACAAATTGCTTTGCAAAGTAACCATGTTTGGGAGACTAAAA  
AAAATTAACCTTACATC