

## IDENTIFICATION

**Species:** *Oryza sativa* Kitaake

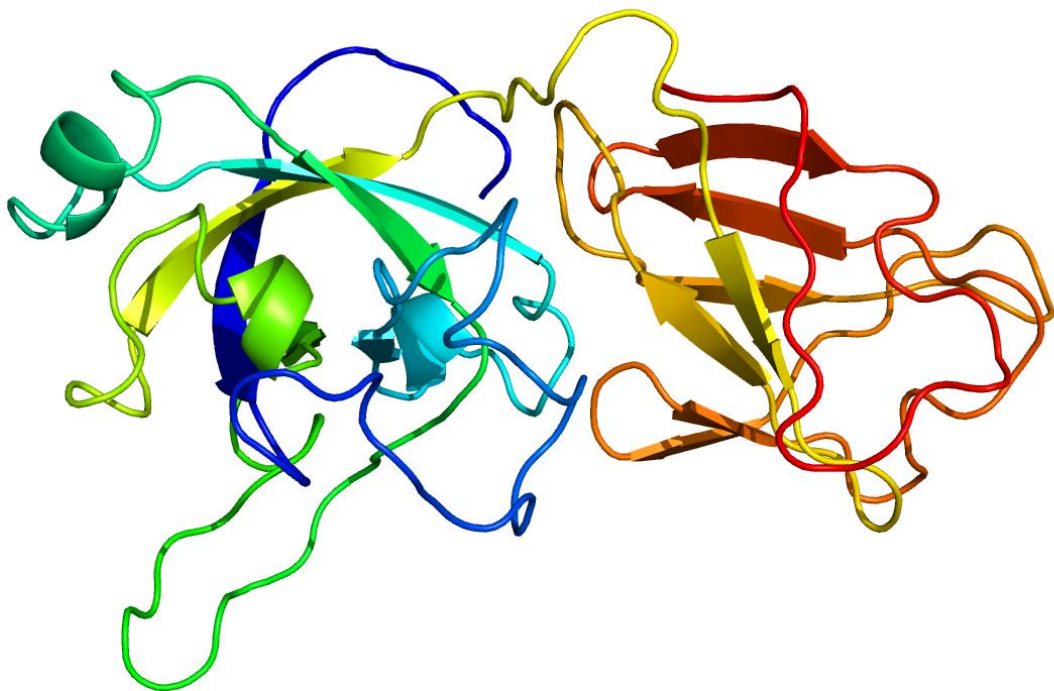
**Locus:** OsKitaake10g111500

**Gene Model:** OsKitaake10g111500.1.p

**Description:** OskEXPA-29

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

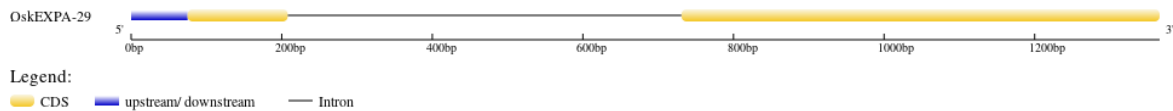
Phytozome: [https://phytozome-next.jgi.doe.gov/info/OsativaKitaake\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1)

KEGG:-

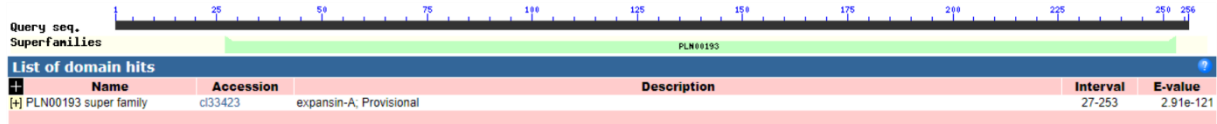
## EXTERNAL RESOURCES

[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-29

MGAMAENLLVLCTILAARMALAAADDWIPATATFYGGNDGSGTMGGACGYGNLY  
DQGYGLENAALSTALFNDGAACGQCYLIVCDTDKAGRWCCKPRGAVTVTATNLCPP  
NVALPSDGGGWCNPPRRHFDMSQPAWERIGVYRAGIVPVLVYRRVRCWRRGGVRF  
VGGFDHFELVLVANVAGSGSVAASVVRGAGTGWLQMSRNWGANWQSLAGLAGQP  
LSFGVTTTGGQYILFQDVAPAGWKFGQTFSTSKQFDY\*

### CDS (coding sequence)

>OskEXPA-29

ATGGGCGCCATGGCTGAGAACCTCCTGGTTCTGTGCACCATCCTCGCGGCGCGCA  
TGGCGCTCGCCGCCGCGGATGATTGGATTCCGGCCACCGCCACGTTCTACGGCGG  
AAACGACGGCTCCGGCACCATGGGCGGTGCGTGTGGGTATGGGAACCTGTACGA  
CCAAGGGTACGGCCTCGAGAACCGCGGCGCTGAGCACGGCGCTGTTCAACGACGG  
CGCGGCGTGCGGGCAGTGCTACCTCATCGTGTGCGACACCGACAAGGCCGGGCG  
GTGGTGCAAGCCGCGGGGCGCGGTGACCGTGACGGCCACCAACCTGTGCCC GCC  
CAACTGGGCCCTCCCAGCGACGGCGGCGGGTGGTGCAACCCGCCGCGGCGGCA  
CTTCGACATGTTCGACCCGGCGTGGGAGCGGATCGGCGTCTACCGCGCCGGGATC  
GTGCCGGTGCTCTACCGCCGCGTCCGGTGCTGGCGCCGCGGCGGGCGTCCGCTTCA  
CCGTCGGCGGCTTCGACCACTTCGAGCTCGTGCTCGTCGCCAACGTCGCCGGCAG  
CGGCTCCGTCGCCGCCGTGTTCGGTCAGGGGCGCCGGCACCGGGTGGCTCCAGATG  
TCGCGCAACTGGGGGGCCAATTGGCAGTCGCTCGCCGGGCTCGCCGGCCAGCCGC  
TCAGCTTCGGCGTCAACCACCGGGCGGCCAGTACATACTGTTCCAGGACGTCGC  
GCCGGCGGGGTGGAAGTTCGGCCAGACGTTCTCCACCTCCAAGCAGTTCGACTAC  
TGA

### Nucleotide

>OskEXPA-29

AACATCAAATATTCAAGAACTTGTAGTTATTCAGGTCGATCTCTTCCAGCCTGAT  
CTGTTGTTTGAACGTCGCCATGGGCGCCATGGCTGAGAACCTCCTGGTTCTGTGC  
ACCATCCTCGCGGCGCGCATGGCGCTCGCCGCCGCGGATGATTGGATTCCGGCCA  
CCGCCACGTTCTACGGCGGAAACGACGGCTCCGGCACCATGGGTAAGCCAACATT  
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CGTTTTTCTCACTTTTTTTTCGTAGGAGTTGTACTCGTTTAGCAAGCTATTCAGTGTC  
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AAAATGAATTTCAACACTAATAAAAAAAAAAGTACTGCTAAATGTACTATCAAGCTG  
TACAACTAGAGATATACAAGTATACAACCATATATCAATTAAGGGAAACATGTT  
TATATATATTGTAGCTATTTACAACCATTGATTAAATTCAGTCGTACTIONTTGAGCAG  
TTAAGTCGTATGCATAACAATTTCTTAAAAAAATAAACTAACACGATGGGTATG  
CATGAGCAGGCGGTGCGTGTGGGTATGGGAACCTGTACGACCAAGGGTACGGCC  
TCGAGAACGCGGCGCTGAGCACGGCGCTGTTCAACGACGGCGCGGCGTGCGGGC  
AGTGCTACCTCATCGTGTGCGACACCGACAAGGCCGGGCGGTGGTGCAAGCCGC  
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CAGCGACGGCGGCGGGTGGTGCAACCCGCCGCGGCGGCACTTCGACATGTCGCA  
GCCGGCGTGGGAGCGGATCGGCGTCTACCGCGCCGGGATCGTGCCGGTGCTCTAC  
CGCCGCGTCCGGTGCTGGCGCCGCGGCGGCGTCCGCTTCACCGTCGGCGGCTTCG  
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ACCACCACCGGCGGCCAGTACATACTGTTCCAGGACGTCGCGCCGGCGGGGTGG  
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