

## IDENTIFICATION

**Species:** *Oryza sativa* Kitaake

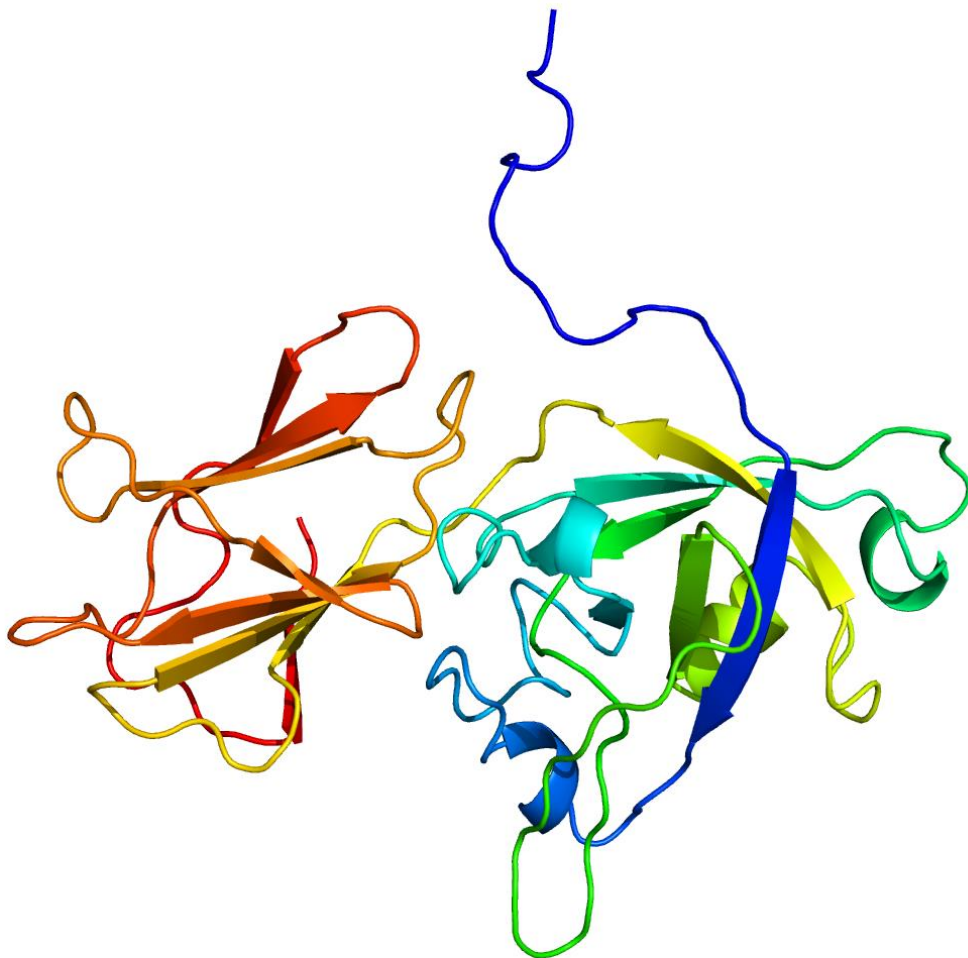
**Locus:** OsKitaake03g394900

**Gene Model:** OsKitaake03g394900.1.p

**Description:** OskEXPA-19

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

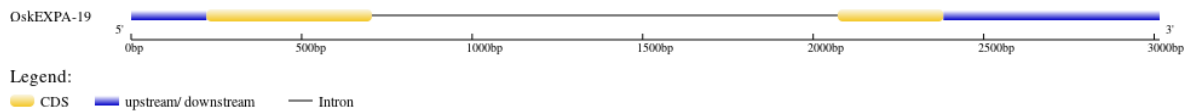
Phytozome: [https://phytozome-next.jgi.doe.gov/info/OsativaKitaake\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1)

KEGG:-

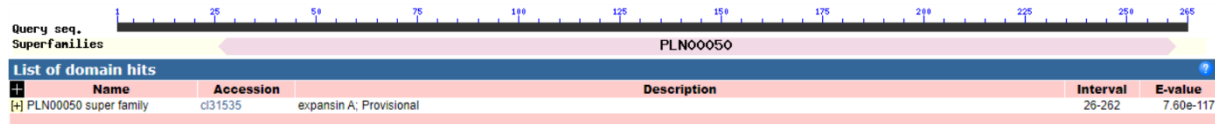
## EXTERNAL RESOURCES

[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-19

MSPAPRVLVLVVATVVALQVSPAAGRIPGAYGGGEWQSAHATFYGGSDASGTMGG  
ACGYGNLYSQGYGVNNAALSTALFNSGQSCGACFEIKCVNQPGWEWCHPGSPSILIT  
ATNFCPPNYALPSDNGGWCNPPRPHFDLAMPMFLHIAEYRAGIVPVSYRRVPCRKKG  
GVRFTINGFRYFNLVLITNVAGAGDIVRASVKGSTSTGWMPMSRNWQNWQNSVLV  
GQALSFRVTGSDRRTSTSWNAAPAGWHFGQTFEGKNFRV\*

### CDS (coding sequence)

>OskEXPA-19

ATGTCGCCGGCGCCGGGTGTTGGTGGTGGTGGCCACAGTGGTGGCGCTGC  
AGGTGTCGCCGGCGGGGGCGGATCCCGGGGGCGTACGGGGGGCGGGGAGTGGC  
AGAGCGCGCACGCAACGTTCTACGGGGGCAGCGACGCGTCAGGGACGATGGGCG  
GGGCGTGCGGGTACGGGAACCTGTACAGCCAGGGGTACGGGGTGAACAACGCGG  
CGCTGAGCACGGCGCTGTTCAACTCCGGGCAGAGCTGCGGCGCGTGTTCGAGAT  
CAAGTGCGTGAACCAGCCCAGGGTGGGAGTGGTGGCCACCCGGGGAGCCCCTCCAT  
CCTCATCACCGCCACCAACTTCTGCCCCGCCAACTACGCCCTCCCCTCCGACAAC  
GGCGGCTGGTGAACCCCTCCTCGCCCCACTTCGACCTCGCCATGCCCATGTTCTT  
CCACATCGCCGAGTACCGCGCCGGCATCGTCCCCGTCTCCTACCGCCGGGTGCCG  
TGCAGGAAGAAGGGAGGGGTTTCGGTTCACGATAAACGGGTTTCAGGTACTTCAAC  
CTGGTGCTGATCACGAACGTGGCCGGGGCCGGGGACATCGTGAGGGCGAGCGTG  
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CAGTCCAACCTCCGTCTCGTTCGGCCAGGCGCTCTCGTTCGCGGTCACCGGCAGCG  
ACCGCCGCACCTCCACATCCTGGAACGCCGCACCCGCCGGATGGCACTTCGGCCA  
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### Nucleotide

>OskEXPA-19

ATTGCTACTACTACCACGCAGCGGGTGACACACACACACAAAAAGTCACAAA  
TCTCTACGTTTTTTTTCTCGCGAGGGCGTAGGGCGCGCATAACGCGACGCGGCCAT  
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