

IDENTIFICATION

Species: *Oryza sativa Kitaake*

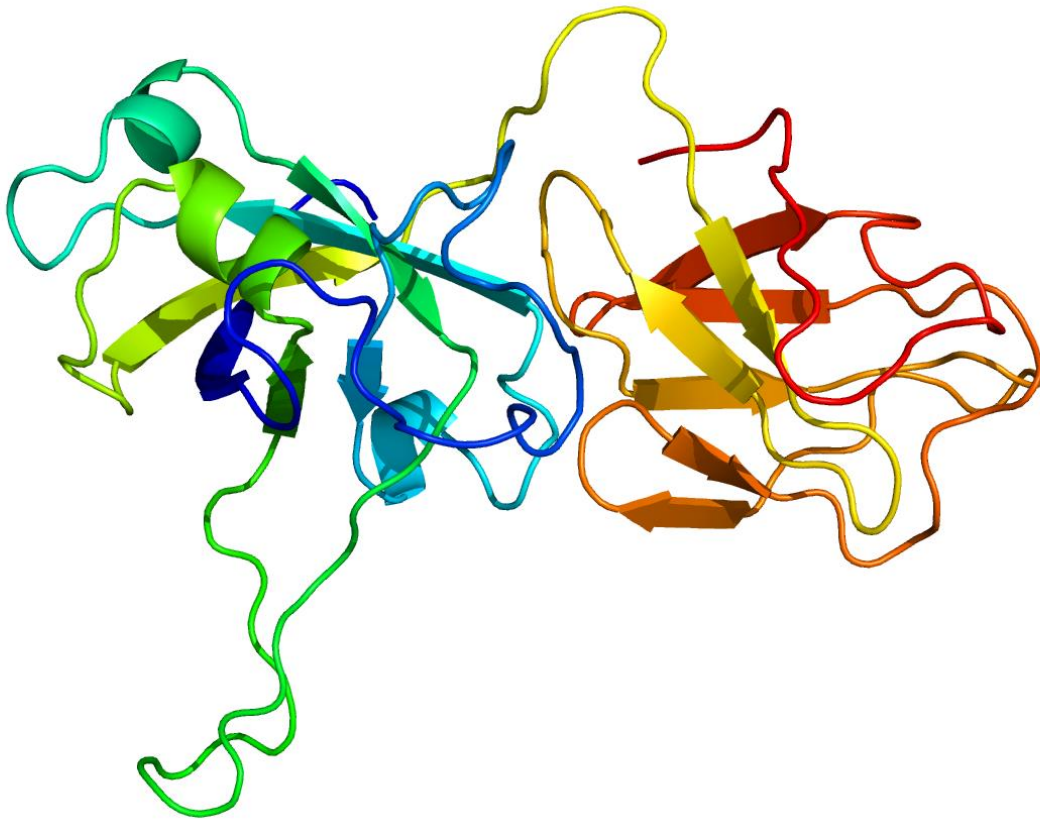
Locus: OsKitaake05g095200

Gene Model: OsKitaake05g095200.1.p

Description: OskEXPA-23

Family: Alpha Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

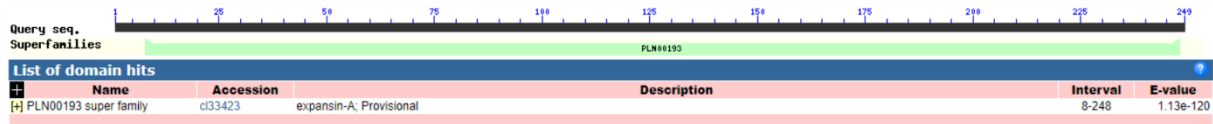
EXTERNAL RESOURCES

https://rice-genome-hub.southgreen.fr/bio_data/185326

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPA-23

MAMPVVQVLLLCALAYQAVDAQWTPATATFYGGSDGAGTMGGACGYGNLYNAG
YGLNNAALSSALFNDGAMCGACYTIACDTSQSTWCKPGTSITITATNLCPPNYAKKS
DAGGWCNPPRKHFDMSQPAWTSIAIYQAGIVPVNFKRVPCQKSGGIRFTISGRDYFEL
VTVFNVGGSGVVAQVSIKGSKTDWMAMSRNWGQNWQSNAYLNTQSLSFKVKLDD
AREVTVWNIAPSNWNFGTTYTSNINF*

CDS (coding sequence)

>OskEXPA-23

ATGGCAATGCCAGTAGTACAAGTGCTTCTTCTTTGCGCATTAGCTTATCAAGCAGT
CGACGCCAGTGGACACCAGCCACGGCAACGTTCTACGGCGGCAGCGATGGCGC
TGGTACCATGGGAGGCGCGTGTGGATACGGCAACCTGTACAACGCCGGGTACGG
GCTGAACAACGCCGGCGCTGAGCTCGGGCGCTGTTCAACGACGGCGCCATGTGCGG
CGCGTGCTACACCATCGCCTGCGACACCAGCCAGTCCACGTGGTGCAAGCCCGGC
ACGTCCATCACCATCACGGCCACCAACCTGTGCCCGCCCAACTACGCAAAAAAAAA
GCGACGCCGGCGGGTGGTGCAACCCGCCTCGCAAGCACTTCGACATGTCGCAGCC
GGCCTGGACCTCCATCGCCATCTACCAAGCCGGCATCGTCCCCGTC AATTTTAAG
AGGGTACCGTGCCAGAAGAGCGGGGGCATCAGGTTACCATAAGCGGGAGGGAC
TACTTCGAGCTGGTGACGGTGTTC AACGTGGGAGGCAGCGGCGTGGTGGCGCAG
GTGTCGATCAAGGGGTCCAAGACGGACTGGATGGCGATGAGCAGGAACTGGGGC
CAA AACTGGCAGAGCAACGCCTACCTCAACACCCAGAGCCTGTCGTTCAAGGTG
AAGCTCGACGACGCCCGGAGGTCACGGTGTGGAACATCGCGCCCTCCA AACTGG
AACTTCGGCACCACCTACACGTCCAACATCAACTTCTAG

Nucleotide

>OskEXPA-23

CTAGGAAGGCCACTGCAGAACATAGCTAGCTCAAGAGTGCAGTTCTACAGCAAG
TTCTTCCATCGTCTTTACCAATTAACACAATGGCAATGCCAGTAGTACAAGTGCTT
CTTCTTTGCGCATTAGCTTATCAAGCAGTCGACGCCAGTGGACACCAGCCACGG
CAACGTTCTACGGCGGCAGCGATGGCGCTGGTACCATGGGTACGTTTCGTTTATCT
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GGAGGGACTACTTCGAGCTGGTGACGGTGTTC AACGTGGGAGGCAGCGGCGTGG
TGGCGCAGGTGTCGATCAAGGGGTCCAAGACGGACTGGATGGCGATGAGCAGGA
ACTGGGGCCAAA ACTGGCAGAGCAACGCCTACCTAACACCCAGAGCCTGTCGTT
CAAGGTGAAGCTCGACGACGCCCGCGAGGTCACGGTGTGGAACATCGCGCCCTC
CAACTGGA ACTTCGGCACCACTACACGTCCAACATCAACTTCTAGTTTGTTC AA
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GGCAGAGAGCGATGTTCTTTTTGGAAAATCAGTTCTGTTTGCCGGTTTCTACTCTT
GATCCTGCGCTGCAATATTACTGCGGTTGTATTATACTTGGATAGAGGCTTGGTAT
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AATTACTTTATTGTTTTTTCGTGTCAATCTGTACGCCTGATGCAGAGTAGCCATCG
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