

IDENTIFICATION

Species: *Oryza sativa* Kitaake

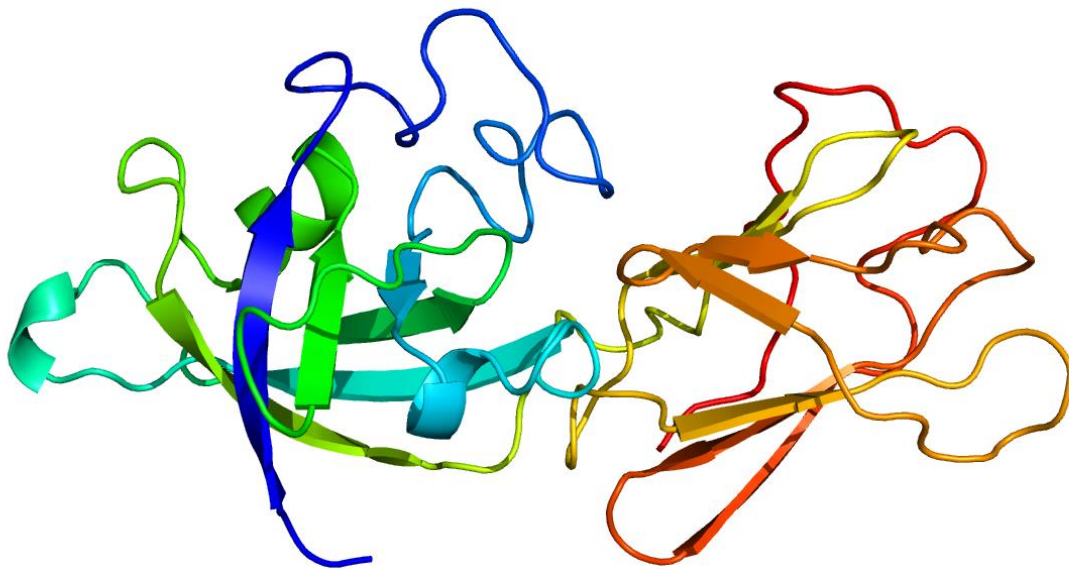
Locus: OsKitaake05g095100

Gene Model: OsKitaake05g095100.1.p

Description: OskEXPA-22

Family: Alpha Expansin

3D structure:



GENOME DATABASES

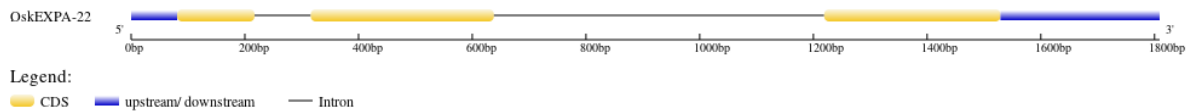
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

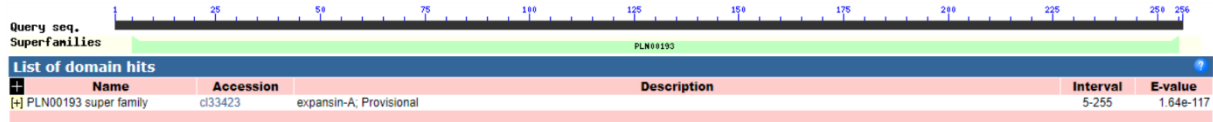
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPA-22

MLSGMEKQPAMLLVLVTLCAFACKRSVAQSAFATFYGGKDGSGTMGGACGYGNLY
NAGYGLYNAALSSALFNDGAMCGACYTITCDTSQTKWCKPGGNSITITATNLCPPNW
ALPSNSGGWCNPPRQHFDMSPAWENIAVYQAGIVPVNYKRVPQQRSGGIRFAISGH
DYFELVTVTNVGGSGVVAQMSIKGSNTGWMAMSRNWGANWQSNAYLAGQSLSFIV
QLDDGRKVTAWNVAPSNWFFGATYSTSWVQF*

CDS (coding sequence)

>OskEXPA-22

ATGCTCTCTGGAATGGAGAAACAACCTGCAATGCTTCTCGTTCTTGTGACTCTG
CGCCTTCGCATGCAAGCGATCCGTCGCACAGTCTGCCTTTGCCACGTTCTACGGTG
GCAAGGACGGGTCGGGCACCATGGGTGGCGCGTGTGGGTACGGTAACCTGTACA
ACGCCGGGTACGGGCTGTACAACGCGGCGCTGAGCTCGGGCGCTGTCAACGACG
GCGCCATGTGCGGCGCGTGCTACACCATCACCTGCGACACCAGCCAGACCAAGTG
GTGCAAGCCC GGCGGCAACTCCATCACCATCACGGCCACCAACTTATGCCCGCCT
AACTGGGCGCTGCCAGCAACAGCGGCGGGTGGTGCAACCCACCGCGGCAGCAC
TTCGACATGTCACAGCCGGCCTGGGAGAACATCGCCGTCTATCAAGCCGGCATTG
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CGGCGTGGTGGCGCAGATGTCGATCAAGGGGTCCAACACGGGCTGGATGGCGAT
GAGCAGGAATTGGGGCGCCAATTGGCAGAGCAACGCGTACCTCGCCGGGCAGAG
CCTGTCCTTCATTGTGCAGCTCGACGACGGCCGAAAGGTCACGGCCTGGAACGTC
GCCCCGTCCAACCTGGTTCTTCGGTGCCACCTACTCTACCTCTTGGGTGCAGTTCTG
A

Nucleotide

>OskEXPA-22

ATGCGTCGGCACAACACAAAACGAAAACCTAAAGAATCACCAGCCTTGCAAACC
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