

IDENTIFICATION

Species: *Oryza sativa* Kitaake

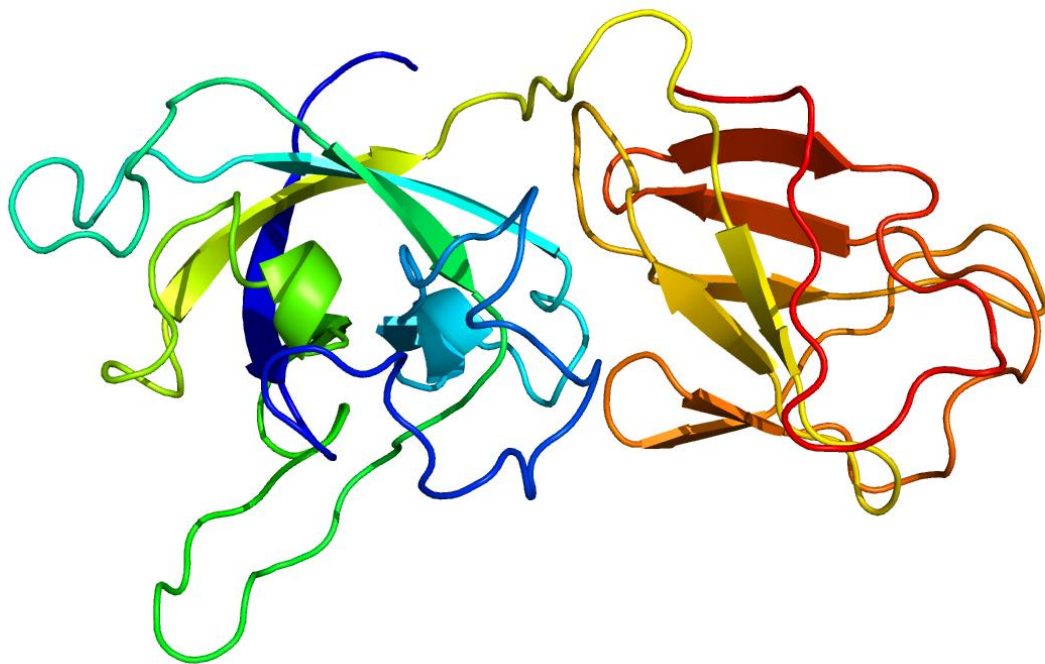
Locus: OsKitaake04g049000

Gene Model: OsKitaake04g049000.1.p

Description: OskEXPA-20

Family: Alpha Expansin

3D structure:



GENOME DATABASES

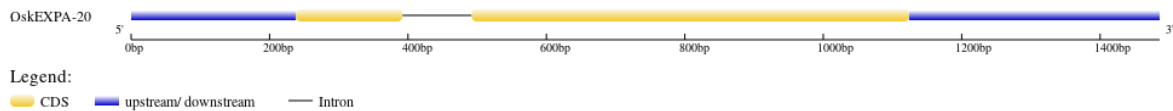
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

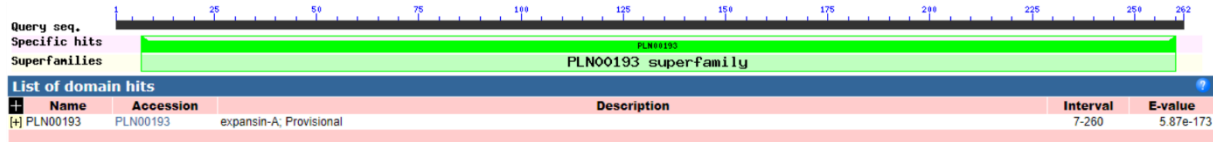
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPA-20

MAGSSAATSCARFLALLATCLLWNEAASFTASGWNKAFATFYGGSDASGTMGGAC
GYGDLYSTGYGTNTAALSTVLFNDGASCGQCYRIMCDYQADRRFCISGTSVTITATN
LCPPNYALPNDAGGWCNPPRQHFDMAEPAWLKIGVYVGGIVPVMYQRPVCAKQGG
VRFTINGRDYFELVLVSNVGGVGSIQSVSIKGSRTGWMAMSRNWGVNWQSNAYLD
GQSLSFKVTSSDGQTLTFLDVAPAGWTFGQTFSTSQQFS*

CDS (coding sequence)

>OskEXPA-20

ATGGCCGGCTCGTCAGCCGCAACGTCGTGTGCTCGGTTCTGGCATTGCTGGCGA
CATGCCTCCTCTGGAACGAGGCCGCATCGTTCACGGCGTCCGGCTGGAACAAGGC
GTTCGCCACCTTCTACGGCGGCAGTGACGCTTCAGGAACGATGGGTGGGGCGTGT
GGGTACGGGGACCTGTACTCGACGGGGTACGGGACGAACACGGCGGGCGCTGAGC
ACGGTGCTGTTCAACGACGGGGCGTCGTGCGGGCAGTGCTACCGGATCATGTGCG
ACTACCAGGGCGGACAGGCGGTTCTGCATCTCCGGCACGTCGGTGACCATCACGGC
GACCAACCTCTGCCCGCCGAACACTACGCGCTCCCCAACGACGCCGGCGGGTGGTGC
AACCCGCCGCGGCAGCACTTCGACATGGCCGAACCGGCGTGGCTCAAGATCGGC
GTCTACGTCGGCGGCATCGTGCCGGTGATGTACCAGCGGGTGCCGTGCGCCAAGC
AGGGCGGGGTGAGGTTACCATCAACGGCAGGGACTACTTCGAGCTGGTGCTCGT
CTCCAACGTCGGCGGCGTCCGCTCCATCCAGTCGGTGTCGATCAAGGGGTGAGG
ACCGGGTGGATGGCCATGTCCAGGAATTGGGGCGTCAACTGGCAGTCCAACGCCT
ACCTCGACGGCCAGAGCCTGTCTGTTCAAGGTCACCAGCAGCGACGGCCAGACGC
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Nucleotide

>OskEXPA-20

CCTCCCCGACTGGATAGAATCTCCCATGCGCCGACCGATCTGGACGCACCCCTCG
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GATCGGCGTCTACGTCGGCGGCATCGTGCCGGTGATGTACCAGCGGGTGCCGTGC
GCCAAGCAGGGCGGGGTGAGGTTACCATCAACGGCAGGGACTACTTCGAGCTG
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GGTCGAGGACCGGGTGGATGGCCATGTCCAGGAATTGGGGCGTCAACTGGCAGT
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CCAGACGCTCACCTTCCTCGACGTCGCCCCGGCGGGCTGGACGTTCCGGCCAGACC
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AAGACTAAAGATATATTACTAGTAGCTGTTTGGGTTGCCACAAGTTTGGAGCAT
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