

IDENTIFICATION

Species: *Oryza sativa* Kitaake

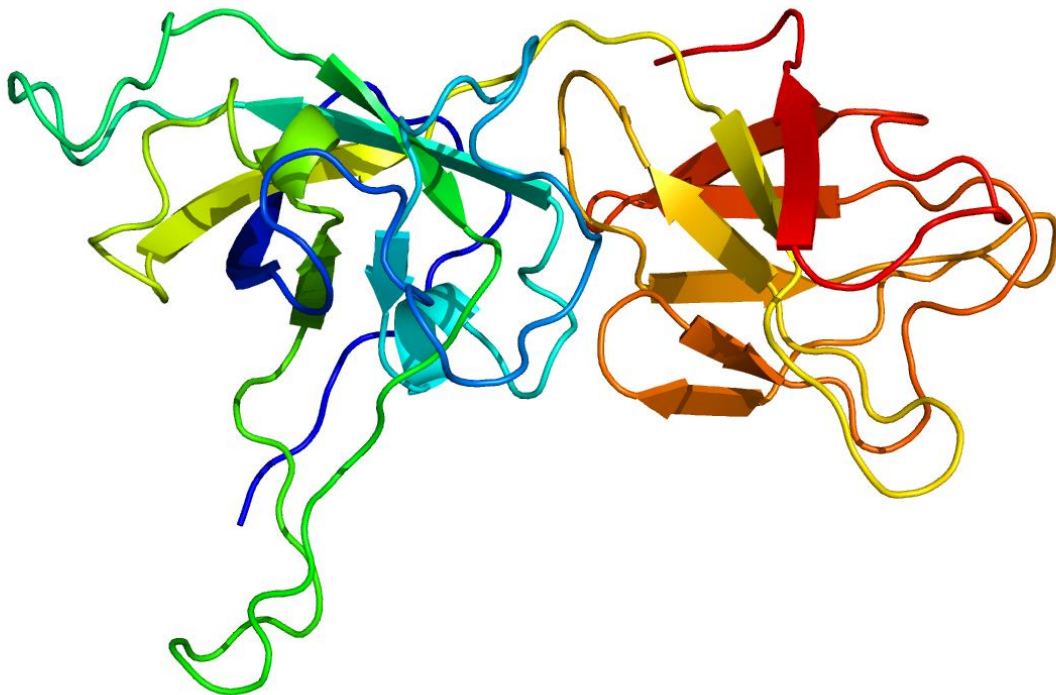
Locus: OsKitaake02g118300

Gene Model: OsKitaake02g118300.1.p

Description: OskEXPA-06

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

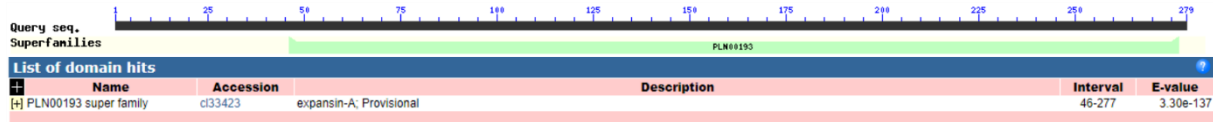
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPA-06

MADMAPARALALVLLAVAVGSALMAAAQDAPSPPTPMAPSPSTDETPPVWLKAHA
TFYGGADASGTMGGACGYVDLYSQYGTRNAALSTALFNDGASCGQCYKIACDRK
RAPQWCKPGVTVTVTATNFCPPNWNLPSDNGGWCNPPRPHFDMAQPAWEKIGIYRA
GIIPVMYQRVPCVKKGGVRFINGHDYFNLVLVTNVATTGSIKSMDIMGSNSTDWMP
MVRNWWGANWHSLSYLTGQMLSFRVTNMDGQTLVFRNIVPSGWKFGQTFASKLQFK
*

CDS (coding sequence)

>OskEXPA-06

ATGGCGGATATGGCTCCAGCTCGAGCACTCGCCTTGGTGTGCTCGCAGTTGCAG
TCGGCAGCGCGTTGATGGCCGCGGCCAGGATGCGCCGTCGCCACCGACACCGAT
GGCTCCGTCTCCGTCTACCGATGAAACTCCGCCCGTGTGGCTGAAGGCGCACGCG
ACGTTCTACGGCGGGGCGGACGCGTCGGGCACCATGGGCGGGGCGTGC GGCTAC
GTCGACCTGTACTCGCAGGGGTACGGGACGCGGAACGCGGCGCTGAGCACGGCG
CTGTTCAACGACGGCGCGTCGTGCGGGCAGTGCTACAAGATCGCCTGCGACCGCA
AGAGGGCGCCGCAGTGGTGCAAGCCCGGCGTCACGGTCACCGTCACCGCCACCA
ACTTCTGCCC GCCAACTGGAACCTCCCCAGCGACAACGGCGGCTGGTGCAACCC
GCCGCGGCCGCACTTCGACATGGCGCAGCCTGCTTGGGAGAAGATTGGCATCTAC
CGTGCTGGCATCATCCCGGTCATGTACCAAAGGGTTCCGTGTGTGAAGAAGGGTG
GGGTGCGGTTTACCATCAATGGGCATGACTACTTTAATCTTGTGCTCGTGACAAA
TGTTGCAACCACTGGTTCGATCAAGTCGATGGACATCATGGGCTCCAACCTCAACC
GACTGGATGCCAATGGTGAGGAACTGGGGTGCAAACCTGGCACTCGCTGTCGTATC
TCACCGGGCAGATGCTCTCCTTCAGGGTGACGAACATGGATGGCCAGACACTAGT
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CTGCAGTTCAAGTAA

Nucleotide

>OskEXPA-06

TAATCATTAGAACCAAAAAGTGACATATATAGCTAAATCACACAACCATCTTGCAG
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GGCATGACTACTTTAATCTTGTGCTCGTGACAAATGTTGCAACCACTGGTTTCGATC
AAGTCGATGGACATCATGGGCTCCAACCTCAACCGACTGGATGCCAATGGTGAGG
AACTGGGGTGCAAACCTGGCACTCGCTGTCGTATCTCACCGGGCAGATGCTCTCCT
TCAGGGTGACGAACATGGATGGCCAGACACTAGTCTTTAGGAACATTGTGCCCTC
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GGTGCTTGGTTCACTGTTGCACATCTGATTTTTATTGTTTATATTT