

IDENTIFICATION

Species: *Oryza sativa* Kitaake

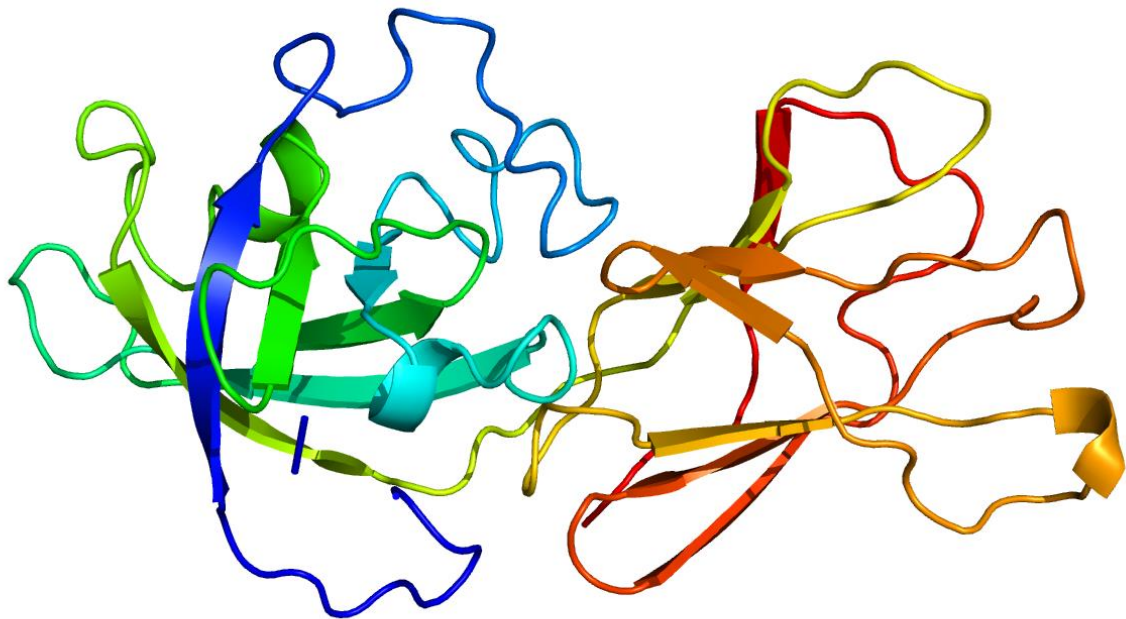
Locus: OsKitaake06g004800

Gene Model: OsKitaake06g004800.1.p

Description: OskEXPA-25

Family: Alpha Expansin

3D structure:



GENOME DATABASES

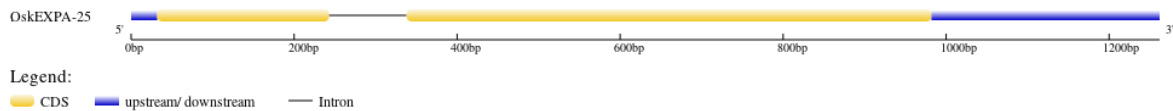
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

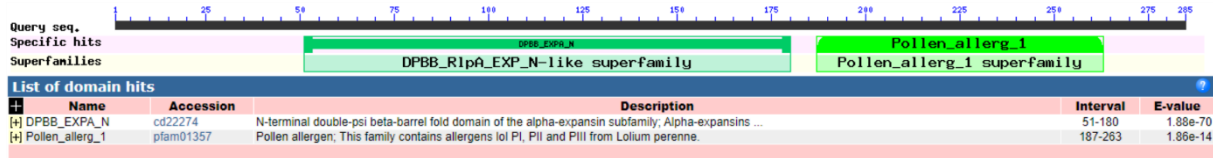
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPA-25

MASSWNNPAIFLAAALAVATAAQVVTAGFTTDLYWQQQPAPGAVTPYKTSDWHDG
SATFYGDPSGMGDDDFGGACGYVSNDIVSLYSTKTAALSTPLFADGNGCGQCYLELR
VKSPWCNPGSPSVVITGTNLCPPNWYLPNDDGGWCNPPRHFDMAPPSFLKLAQRV
AGIVPVQYRRVPCQRTGGVRFCLQGNHYWLLLYVMNVGGAGDVSSLSVKTSGGGG
AWIQAAHNWGITYQVFAALDNSDGLTVKLTTYSTPQQTIIVSDAISPWWITGLCYQG
SNNFY*

CDS (coding sequence)

>OskEXPA-25

ATGGCCAGCAGCTGGAATAATCCGGCCATCTTCCTCGCCGCCGCGCTGGCGGTGG
CGACGGCGGCGCAGGTCGTCACGGCCGTTTCACCACAGACTTGTACTGGCAGCA
ACAGCCGGCGCCTGGTGCCGTCACCCCCTACAAGACATCGGACTGGCACGACGG
CTCCGCCACCTTCTACGGCGACCCCTCCGGCATGGGCGACGACTTCGGTGGCGCG
TGCGGGTACGTGTCGAACGACATCGTGTCGCTCTACTCGACGAAGACGGCGGCGC
TGAGCACGCCGCTGTTCGCCGACGGCAACGGGTGCGGGCAGTGCTACGAGCTGC
GGTGCCTCAAGTCGCCGTGGTGCAACCCGGGGTCCCGTCCGGTGGTCATCACGGG
GACCAACCTGTGCCCGCCCAACTGGTACCTCCCCAACGACGACGGCGGCTGGTGC
AACCCGCCGCGGCACCACTTCGACATGGCGCCGCCCTCCTTCCTCAAGCTCGCGC
AGAGGGTCGCCGGGATCGTGCCGGTGCAGTACCGCCGCGTGCCGTGCCAGAGGA
CCGGCGGCGTCAAGTTCTGCCTCCAGGGGAACCACTACTGGTTGCTGCTCTACGT
CATGAACGTCCGGCGGCGCCGGCGACGTCTCCTCCCTCTCCGTCAAGACCTCCGGT
GGCGGCGGCGCCTGGATCCAGGCGGCGCACAACTGGGGCATCACGTACCAGGTG
TTCGCCGCGCTGGACAACTCCGACGGCCTCACCGTCAAGCTCACACCTACAGCA
CGCCGCAGCAGACCATCATCGTCTCCGACGCCATCTCCCCCTGGTGGATCACCGG
ACTCTGCTACCAGGGATCCAACAACCTTCTACTAA

Nucleotide

>OskEXPA-25

CACATCCCTCGCCGCCGATCGACGACAATAGCATGGCCAGCAGCTGGAATAATCC
GGCCATCTTCCTCGCCGCCGCGCTGGCGGTGGCGACGGCGGCGCAGGTCGTCACG

GCCGGTTTCACCACAGACTTGTACTGGCAGCAACAGCCGGCGCCTGGTGCCGTCA
CCCCCTACAAGACATCGGACTGGCACGACGGCTCCGCCACCTTCTACGGCGACCC
CTCCGGCATGGGCGACGACTTCGGTACGTAGTATCGTCTTCATTTCAATTTGCTTTT
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TATATAGGTGGCGCGTGCGGGTACGTGTGCGAACGACATCGTGTGCGCTCTACTCGA
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GCCGTGCCAGAGGACCGGCGGCGTCAGGTTCTGCCTCCAGGGGAACCACTACTG
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TCAAGACCTCCGGTGGCGGGCGGCCTGGATCCAGGCGGCGCACAACCTGGGGCA
TCACGTACCAGGTGTTCCGCCGCGCTGGACAACCTCCGACGGCCTCACCGTCAAGCT
CACCACCTACAGCACGCCGACGAGACCATCATCGTCTCCGACGCCATCTCCCC
TGGTGGATCACCGGACTCTGCTACCAGGGATCCAACAACCTTCTACTAATCATCAA
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