

IDENTIFICATION

Species: *Oryza sativa* Kitaake

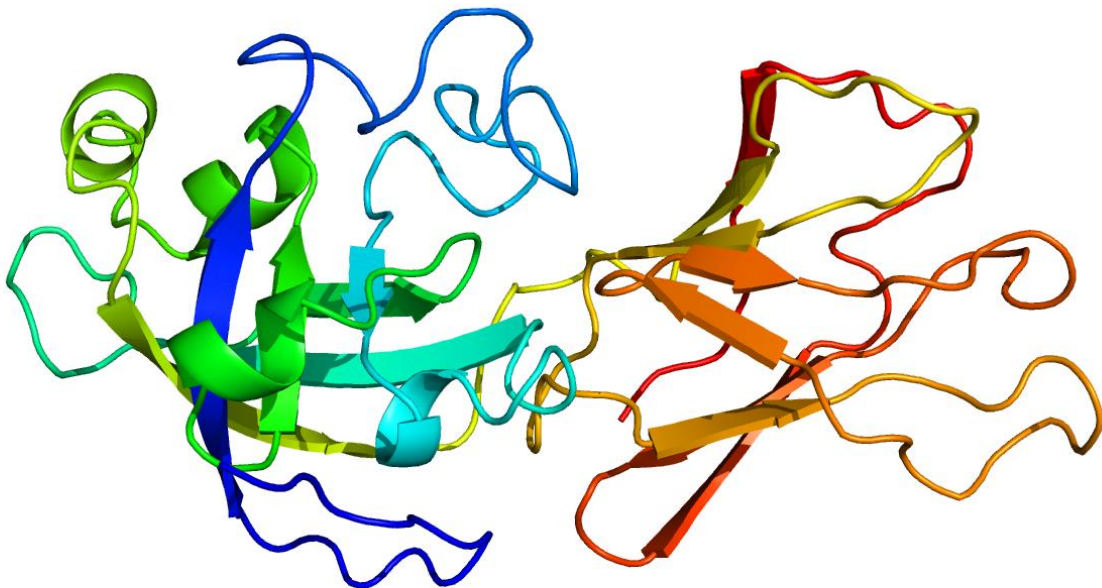
Locus: OsKitaake05g086400

Gene Model: OsKitaake05g086400.1.p

Description: OskEXPB-18

Family: Beta Expansin

3D structure:



GENOME DATABASES

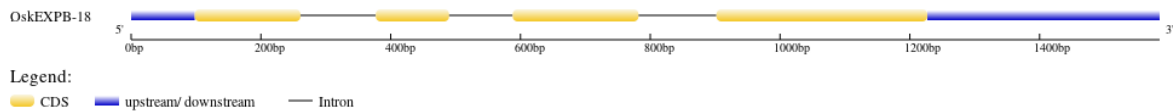
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

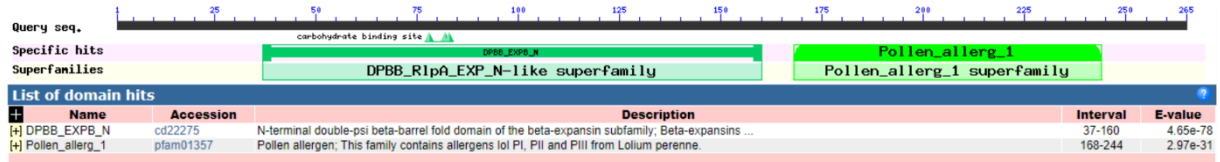
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPB-18

MNSKFQLILSTFVVIAAFTLLPRPCASIEFHRKLSSWSNNGGATWYGAANGAGSDGGA
CGYQAAVDQAPFSSMIAAGSPSIYKSGLGCGSCYQVKCSGNSACSGNPVTVVLTDEC
PGGPCLSEPVHFDLSGTAFGAMANPGQADQLRAAGV LQIQYNRVPCNWGGVMLTF
AVDAGSNPSYFAVLVKYENG DGDLSGMDLMQTGAGAAWTPMQQSWGAVWKL
SA
GAALQAPLSIRLTSSSGKTLVASNVIPSGWKPGASYTSTVNY*

CDS (coding sequence)

>OskEXPB-18

ATGAATTCCAAGTTCAGCTGATATTGTCAACCTTCGTTGTCATTGCCGCTTTCAC
CCTGCTTCCACGTCCTTGCCTTCCATCGAGTTCACCGCAAGCTCTCCAGCTGGT
CCAATGGCGGAGCTACGTGGTATGGTGTCTGCTAATGGCGCTGGAAGTGATGGTGG
GGCATGTGGGTACCAGGCTGCCGTCGACCAGGCACCGTTCTCGTCCATGATCGCC
GCCGGCAGCCCTTCCATCTACAAGTCCGGCCTGGGCTGCGGCTCTTGCTACCAGG
TGAAATGCAGTGGAATAGCGCTTGCTCGGGCAACCCGGTGACTGTGGTCCTCAC
CGACGAGTGCCCCGGGGGCCCGTGCCTCAGCGAGCCGGTCCACTTCGACCTGAGC
GGGACGGCGTTCGGTGCCATGGCGAATCCTGGCCAGGCCGACCAGCTGCGCGCC
GCCGGCGTCTCCAAATCCAGTACAACCGGGTGCCGTGCAACTGGGGCGGAGTG
ATGCTCACCTTCGCCGTGGACGCCGGCTCGAACCCAGCTACTTCGCGGTGCTCG
TCAAGTACGAGAACGGGGACGGCGACCTTCCGGGATGGACCTCATGCAGACAG
GGGCCGGCGCCGCTGGACGCCGATGCAGCAGTCGTGGGGCGCCGTCTGGAAGC
TGAGCGCCGGCGCGGCGCTGCAGGCGCCGCTCTCCATCCGCCTCACGTCCAGCTC
CGGCAAGACGCTCGTCGCCAGCAACGTCATCCCTTCCGGCTGGAAGCCCGGCGCG
TCGTACACATCGACGGTGA ACTACTAA

Nucleotide

>OskEXPB-18

ACACACCATCTGCTTGCATCTTCCAATCTTTGCAAAGCAACAACAATCCTAGCA
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CCTTGCCTTCCATCGAGTTCACCGCAAGCTCTCCAGCTGGTCCAATGGCGGAG
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ATGGCGAATCCTGGCCAGGCCGACCAGCTGCGCGCCGCCGGCGTCTCCAATCC
AGTACAACCGGTAAACATCTTACACACTGTCTTCCATATGCATGCAGCGAGCAGC
GACGGCGGCCAAGCGGCGCAACAGTTGCAATTGTGTCTTTAATCGATCATCTGA
TCGATCTTGTCGCGTGTGAGGGTGCCGTGCAACTGGGGCGGAGTGATGCTCACCT
TCGCCGTGGACGCCGGCTCGAACCCAGCTACTTCGCGGTGCTCGTCAAGTACGA
GAACGGGGACGGCGACCTCTCCGGGATGGACCTCATGCAGACAGGGGCCGGCGC
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CTCGTCGCCAGCAACGTCATCCCTTCCGGCTGGAAGCCCGGCGCGTCTGTACACAT
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GTGCATGTGCACCATGCATGCAGCTTTGCAATACATATATGTCTGCAGGCAAAAG
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