

IDENTIFICATION

Species: *Oryza sativa* Kitaake

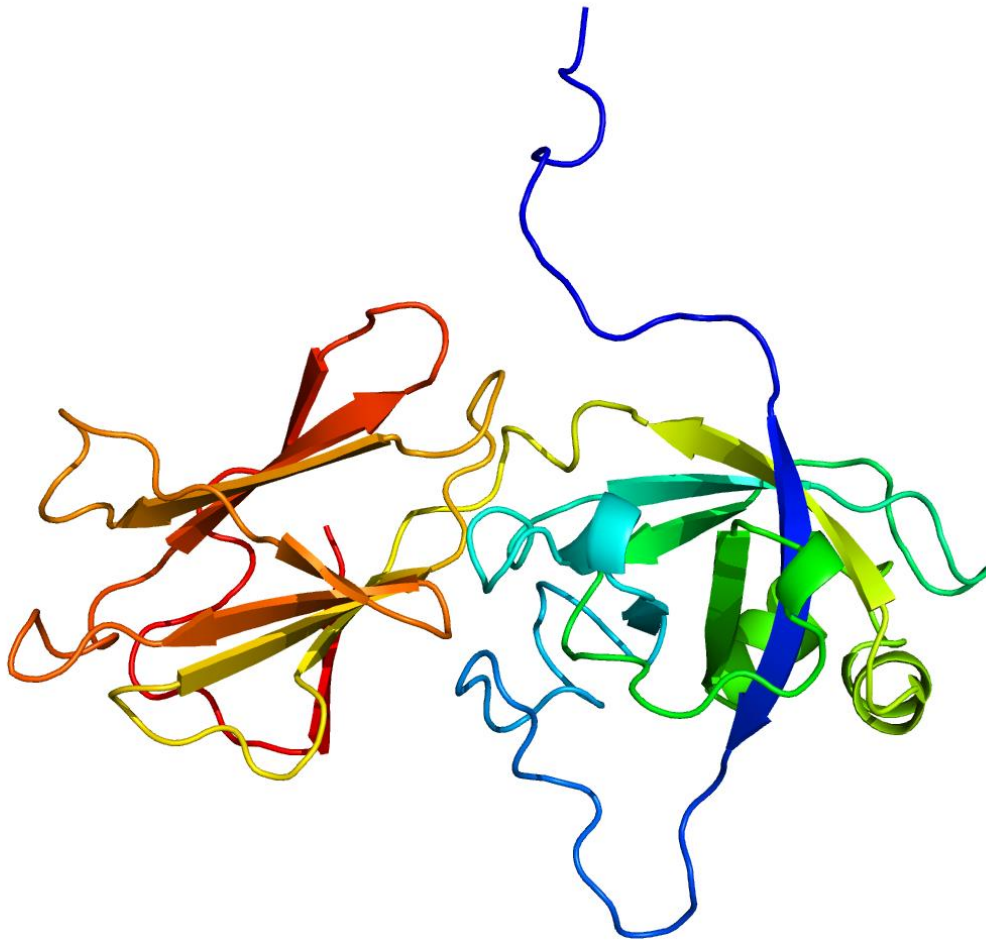
Locus: OsKitaake04g217800

Gene Model: OsKitaake04g217800.1.p

Description: OskEXPB-17

Family: Beta Expansin

3D structure:



GENOME DATABASES

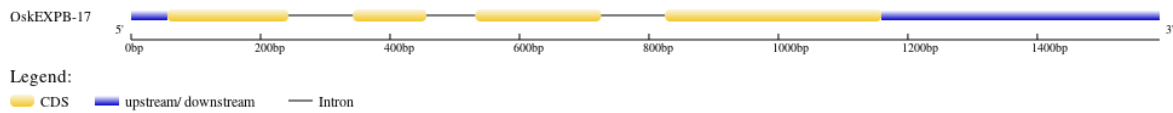
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

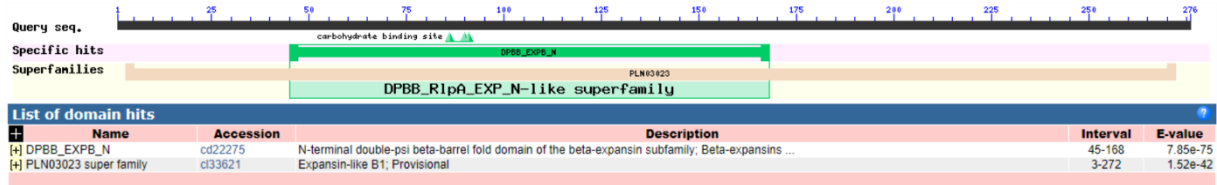
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPB-17

MVSRGTFVFAVLVALPILSLPVSGYEQNYTAGRRSTMSLGRGYGWSSGGATWYGGP
QGDGSEGGACGYQSAVGRPFSSMIAAGGPSLFKNGKGCSCYQIKCTGNRACSGRP
VTVVITDSCPGGVCLNEAAHFDMSGTAFGAMANRGMGDRLRSAGVLKIQYKRVPCR
FAMNVAFKVDAGSNPYYLAILVQYANGDGLAAVHIMEARGGGGWKAMQQSWG
ATWRLNSNTGKPLSPPFSIRLTSGSGKVLVANNVIPSQWQAGLTYRSTVNYAA*

CDS (coding sequence)

>OskEXPB-17

ATGGTTAGCCGGGGCACTTTCGTTTTTGCCGTCCTAGTGGCGCTACCGATACTGTC
ACTCCCCGTCTCTGGCTACGAGCAGAATACTGCCGGCAGACGGAGCACCATG
TCGCTGGGCAGAGGCTACGGCTGGTCCTCCGGCGGCGCGACGTGGTACGGCGGC
CCGCAAGGCGACGGCAGCGAAGGCGGCGCGTGCAGTTACCAGAGCGCCGTCGGG
CAGCGCCCGTTCTCGTCGATGATCGCCGCCGGCGGGCCCTCCCTCTTCAAGAATG
GCAAAGGCTGCGGCTCATGCTACCAAATTAAGTGCACCGGCAACCGGGCGTGCTC
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CGTGGCATGGGCGACCGCCTCCGCTCCGCGGAGTCCTCAAGATCCAGTATAAGA
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GCGGTGCACATCATGGAGGCCCGCGGCGGGCGGGTGAAGGCGATGCAGCAG
TCGTGGGGCGCCACCTGGCGCCTCAACTCCAACACCGGGAAGCCGCTGAGCCCGC
CGTTCTCGATCCGGCTCACCTCGGGCTCCGGCAAGGTGCTCGTCGCCAACACGT
CATCCCCTCCGGGTGGCAGGCCGGGTTGACCTACCGATCCACCGTGAACACTACGCC
GCCTAA

Nucleotide

>OskEXPB-17

CAATCTCCGCTTAACAATCCCAGCTACCTAACCGATTGCCCAACAAGAAAATAGC
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