

IDENTIFICATION

Species: *Oryza sativa* Kitaake

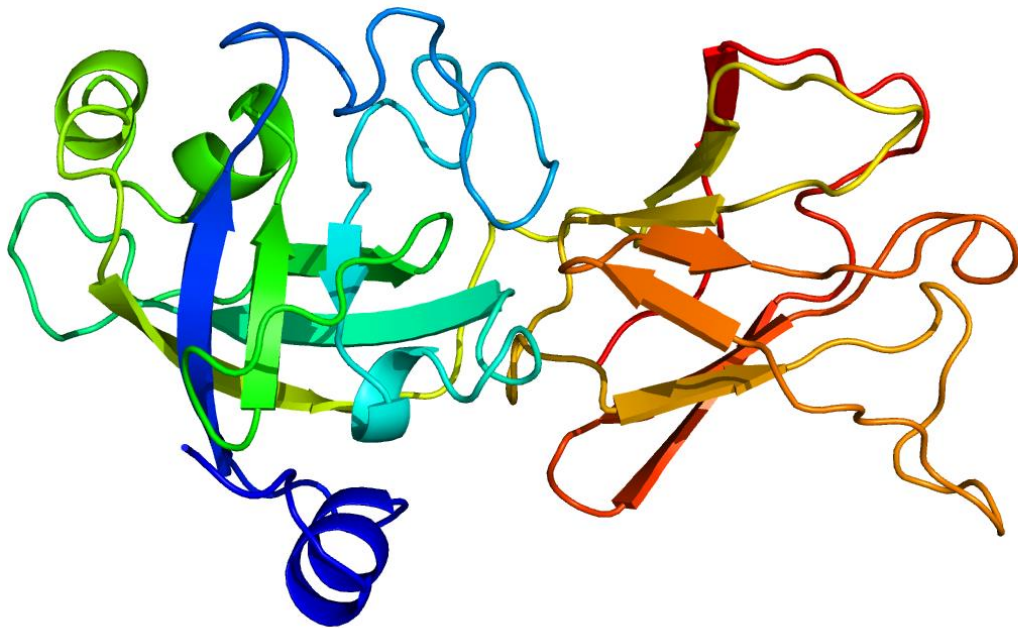
Locus: OsKitaake10g187200

Gene Model: OsKitaake10g187200.1.p

Description: OskEXPB-20

Family: Beta Expansin

3D structure:



GENOME DATABASES

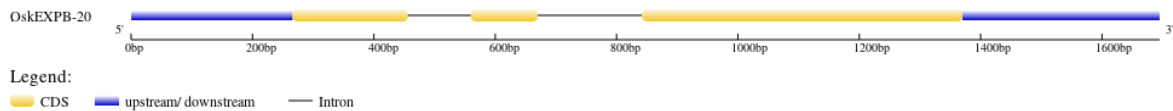
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

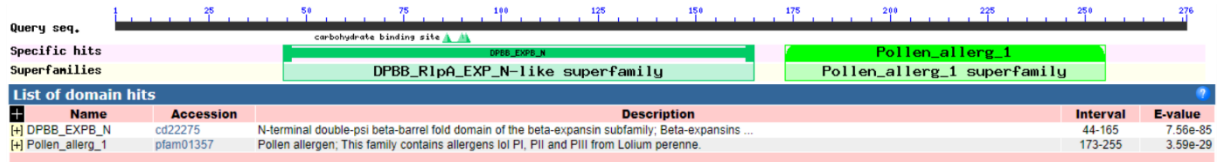
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPB-20

MAARMGSKVAAILAILSVLVVHGSCKGHPVNYNVSDASAYGSGWLPARATWYGAP
TGAGPDDNGGACGFKNVNQYPFSSMTSCGNEPIFKDGGKGCSCYQIRCNKDPSCSGN
IETVIITDMNYYPVARYHFDSLGTAFGAMAKPGLNDKLRHSGIIDIQFRRVPCNYPGL
KINFHVEEGSNPVYFAVLVEYEDLDGDVVQVDLMESKSA YGGATGVWTPMRESWG
SIWRLDSNHRLQAPFSLRIRSDSGKTLVANNVIPANWSPNSNYRSIVQFS*

CDS (coding sequence)

>OskEXPB-20

ATGGCAGCCAGAATGGGCAGCAAGGTCGCTGCAATCCTCGCGATTCTGTCCGTGC
TCGTGGTGCATGGCTCTTGCAAGGGGCATCCTGTGAACTACAACGTCTCCGACGC
CTCCGCCTACGGCTCCGGCTGGCTCCCTGCCCCGGCAACCTGGTATGGCGCTCCC
ACCGGCGCCGGCCCTGACGACAACGGCGGCGCTTGCGGGTCAAGAACGTGAAC
CAGTACCCATTCTCGTCCATGACCTCCTGCGGCAACGAGCCCATCTTCAAGGACG
GCAAGGGCTGCGGCTCATGCTACCAGATCAGGTGCAACAAGGACCCGTCTGTGCTC
GGGCAACATCGAGACGGTGATCATCACCGACATGAACTACTACCCCGTGGCCAG
GTACCACTTCGACCTGAGCGGCACGGCGTTCGGCGCCATGGCCAAGCCGGGGCTC
AACGACAAGCTCCGCCACTCGGGCATCATCGACATCCAGTTCAGGCGCGTCCCCT
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Nucleotide

>OskEXPB-20

ACACAGCTAGCTCTCTCTACCACGCCGGCCGGTGGCCACGTCCGGGTGCAACGA
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