

IDENTIFICATION

Species: *Oryza sativa* Kitaake

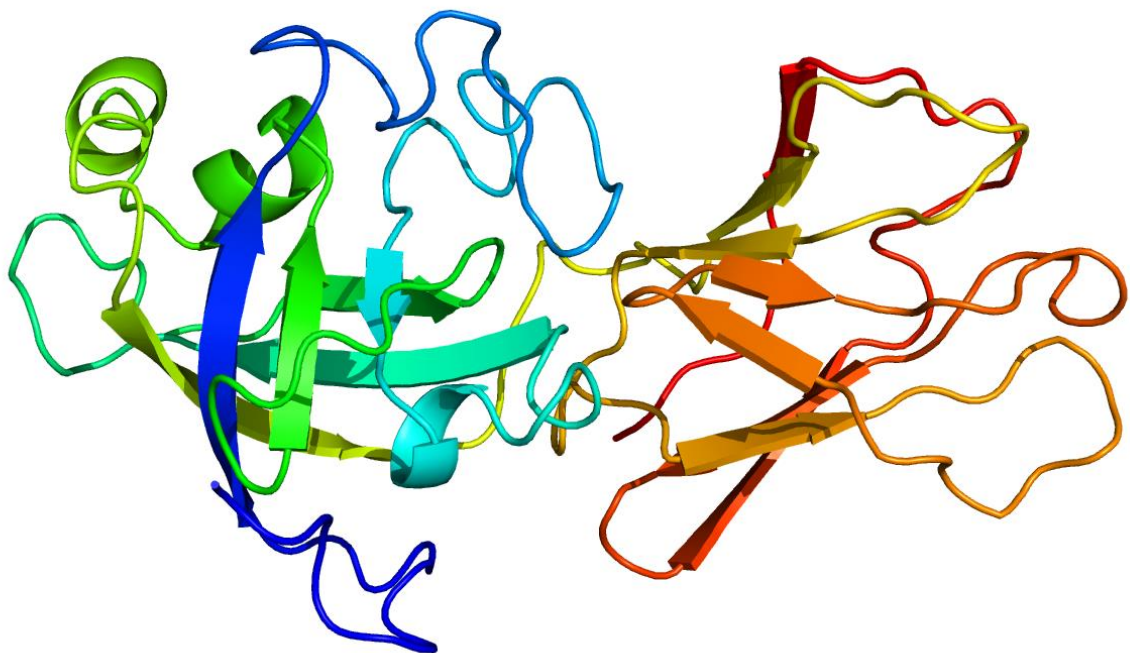
Locus: OsKitaake10g182000

Gene Model: OsKitaake10g182000.1.p

Description: OskEXPB-19

Family: Beta Expansin

3D structure:



GENOME DATABASES

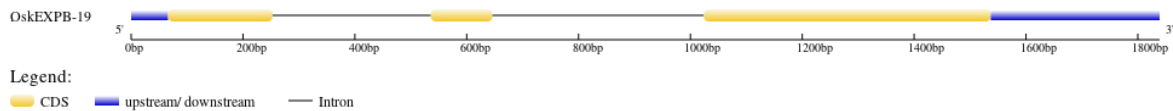
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

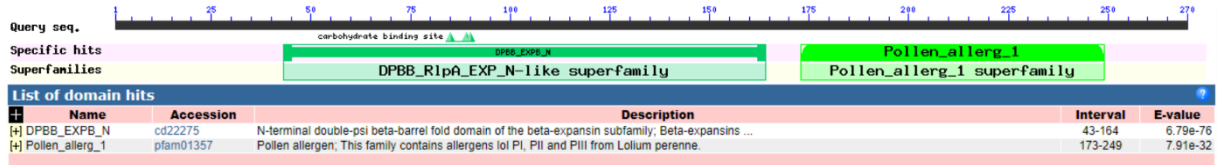
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPB-19

MGSLTTNIVLAVAVVAALVGGGSCGPPKVPPGPNITTNYNAPWLPARATWYGQPYG
SGSTDNGGACGIKVNLPYNGMISCGNVPIFKDGRGCGSCYEVKCEQPAACSKQPV
TVFITDMNYEPISAYHFDGKAFGAMACPGKETELRKAGIIDMQFRRVRCKYPGGQ
KVTFHVEKGSNPNYLAVLVKQVADDGDVIQMDLQEAGLPAWRPMKLSWGAIWRM
DTATPLKAPFSIRVTTESGKSLIAKDVIPVNWMPDAIYVSNVQFY*

CDS (coding sequence)

>OskEXPB-19

ATGGGATCGCTCACCACCAACATCGTCCTCGCCGTCGCCGTGGTGGCAGCGCTGG
TCGGCGGCGGGTCGTGCGGCCCGCCAAAGGTGCCACCCGGCCCGAACATCACGA
CCAATAACAACGCCCCGTGGCTCCCCGCCAGGGCCACCTGGTACGGCCAGCCCTA
CGGCTCCGGCTCCACCGACAATGGTGGCGCGTGCGGGATCAAGAACGTCAACCT
GCCTCCCTACAACGGCATGATCTCCTGCGGCAACGTCCCAATCTTCAAGGACGGC
AGGGGATGCGGCTCATGCTACGAGGTGAAGTGTGAGCAGCCGGCGGCGTGCTCG
AAGCAGCCGGTGACGGTGTTCATCACGGACATGAACTACGAGCCCATCTCGGCGT
ACCACTTCGACTTCTCCGGCAAGGCGTTCGGCGCCATGGCTTGCCCGGGGAAGGA
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CAAGTACCCCGGCGGCCAGAAGGTCACCTTCCACGTCGAGAAGGGCTCCAACCC
CAACTACCTCGCCGTGCTCGTCAAGTTCGTCGCCGACGACGGTGACGTCATCCAG
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GCGTCACCACCGAGTCCGGCAAGAGCCTCATCGCCAAGACGTCATCCCGGTCAA
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Nucleotide

>OskEXPB-19

ATCCATCTCACCACCAAAAAAAAAAAGGAAAAAAAAAACAAAACACACCAAGCCA
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CAAATTAAGGCGGCCTGATCTTATCAACAAGTCAATGTTTAATACATTGCTATTTT
ACAAACATTTTTGGCAGTTTATATTTACAAACATTCAATGCAATATATATATGGA
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