

IDENTIFICATION

Species: *Oryza sativa* Kitaake

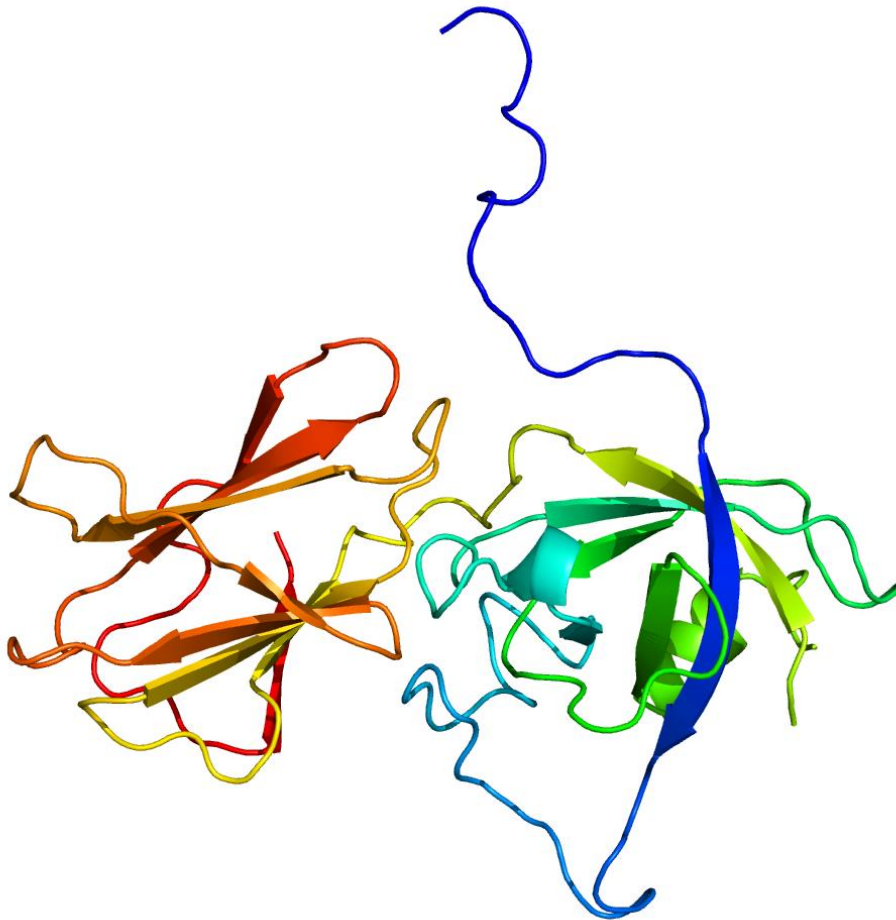
Locus: OsKitaake03g005900

Gene Model: OsKitaake03g005900.1.p

Description: OskEXPB-10

Family: Beta Expansin

3D structure:



GENOME DATABASES

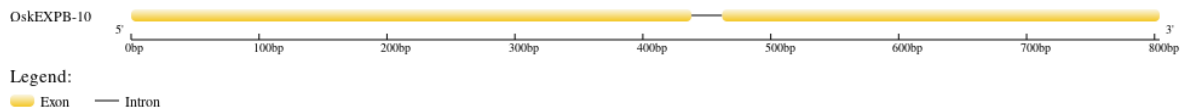
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

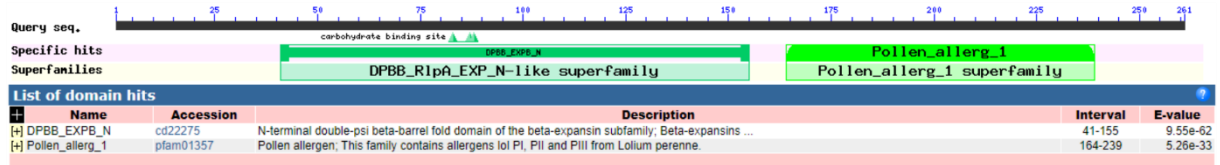
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPB-10

MASSSLLLASVVVAAMVSAVSCGPPKVPPGNITASYGDKWLEARATWYGAAKGA
GRKDNSGACGYKDVDKAPFLGMNSCGNDPIFKDGKGCSCFEIKCSKPKACSDKPV
LIHVTDMNDEPIAAYHFDLFLGAFGAMAKDGKDEELRKFRRFKCKYPADTKITFHIE
KASNPNYLALLVKYVAGDGDVVEVEIKEKGSEWKALKESWGAIWRIDTPKPLKGP
FSVRVTTEGGEKIIAEDAIPDGWKADS VYKSNVQAK*

CDS (coding sequence)

>OskEXPB-10

ATGGCATCCTCCTCCCTCCTACTCGCCTCTGTCGTGGTGGCGGCCATGGTGTCCGC
TGTCTCCTGCGGGCCACCCAAGGTGCCACCGGGCCCCAACATCACGGCAAGCTAC
GGCGACAAGTGGCTAGAAAGCCAGGGCCACCTGGTACGGTGC GGCCAAGGGTGCC
GGCCGCAAGGACAACAGCGGCGCCTGCGGGTACAAGGATGTCGACAAGGCTCCC
TTCCTCGGCATGAACTCCTGCGGCAACGACCCCATCTTCAAGGACGGCAAGGGCT
GCGGCTCATGCTTCGAGATCAAGTGCTCCAAGCCAAAGGCATGCTCCGACAAGCC
CGTCTTATCCACGTCACCGACATGAACGACGAGCCCATCGCTGCCTACCACTTC
GACCTCTTCGGCCTTGCCTTCGGCGCCATGGCTAAGGATGGCAAGGATGAGGAGC
TCCGTAAGTTCCGCCGCTTCAAGTGCAAGTACCCTGCCGACACCAAGATCACCTT
CCACATCGAGAAGGCCTCCAACCCCAACTACCTTGCACTGCTAGTCAAGTACGTC
GCTGGTGTGGTACGTCGTGGAGGTGGAATCAAGGAGAAGGGCTCCGAGGAG
TGGAAGGCGCTCAAGGAGTCATGGGGTGCCATCTGGAGGATAGACACCCCAAG
CCGCTCAAGGGCCCCCTTCTCCGTCCGCGTCACCACCGAGGGTGGCGAGAAGATCA
TCGCCGAGGACGCCATCCCTGATGGCTGGAAGGCCGACAGCGTGTACAAGTCCA
ACGTCCAAGCCAAGTGA

Nucleotide

>OskEXPB-10

ATGGCATCCTCCTCCCTCCTACTCGCCTCTGTCGTGGTGGCGGCCATGGTGTCCGC
TGTCTCCTGCGGGCCACCCAAGGTGCCACCGGGCCCCAACATCACGGCAAGCTAC
GGCGACAAGTGGCTAGAAAGCCAGGGCCACCTGGTACGGTGC GGCCAAGGGTGCC

GGCCGCAAGGACAACAGCGGGCGCCTGCGGGTACAAGGATGTCGACAAGGCTCCC
TTCCTCGGCATGAACTCCTGCGGCAACGACCCCATCTTCAAGGACGGCAAGGGCT
GCGGCTCATGCTTCGAGATCAAGTGCTCCAAGCCAAAGGCATGCTCCGACAAGCC
CGTCCTTATCCACGTCACCGACATGAACGACGAGCCCATCGCTGCCTACCACTTC
GACCTCTTCGGCCTTGCCTTCGGCGCCATGGCTAAGGATGGCAAGGATGAGGAGC
TCCGTAAGGCCGGCATCATCGACACGTAGTTCCGCCGCTTCAAGTGCAAGTACCC
TGCCGACACCAAGATCACCTTCCACATCGAGAAGGCCTCCAACCCCAACTACCTT
GCACTGCTAGTCAAGTACGTCGCTGGTGATGGTGACGTCGTGGAGGTGGAAATCA
AGGAGAAGGGCTCCGAGGAGTGGAAGGCGCTCAAGGAGTCATGGGGTGCCATCT
GGAGGATAGACACCCCAAGCCGCTCAAGGGCCCCTTCTCCGTCCGCGTCACCAC
CGAGGGTGGCGAGAAGATCATCGCCGAGGACGCCATCCCTGATGGCTGGAAGGC
CGACAGCGTGTACAAGTCCAACGTCCAAGCCAAGTGA