

IDENTIFICATION

Species: *Oryza sativa* Kitaake

Locus: OsKitaake03g005800

Gene Model: OsKitaake03g005800.1.p

Description: OskEXPB-09

Family: Beta Expansin

3D structure:



GENOME DATABASES

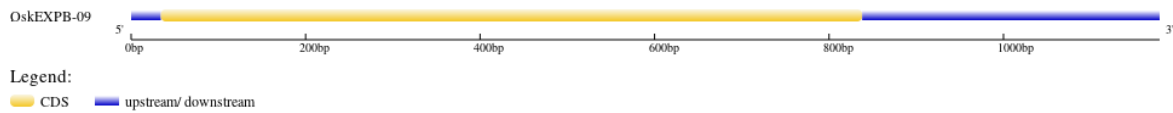
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

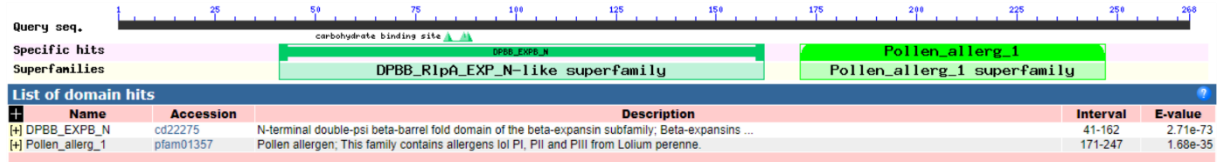
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPB-09

MASSCLLLACVVAAAMVSAVSCGPPKVPPGPNITAAYGKQWLEARGTWYGKPKGA
GPDDNNGGACGYKDIDKAPFLGMNSCGNDPIFKDGGKCGSCFEVKCKSKEACSDKPMI
IHITDMNTEPIAAHYHFDLSGHAFGAMAKEGKDEELRKAGIIDMQFRRVRCKYPGETK
VTFHVEKGSNPNYFAVLVKYVGGDGDVVKVELKEKGSEEWKPLNESWGAIWRIDTP
KPLKGPFSRLRVTTESDQKLVANDVIPDNWKANALYKSEIQVD*

CDS (coding sequence)

>OskEXPB-09

ATGGCATCCTCTTGTCTCCTTCTGGCCTGTGTCGTGGCAGCGGCCATGGTGTCTGC
AGTGTTCATGTGGGCCGCCCAAGGTGCCGCCTGGCCCCAACATCACTGCGGCCTAC
GGCAAACAGTGGCTGGAAGCTAGGGGTACCTGGTACGGCAAGCCAAAGGGTGCC
GGCCCCGACGACAACGGCGGCGCTTGTGGGTACAAGGACATTGACAAGGCTCCC
TTCCTCGGCATGAACTCATGTGGCAATGACCCTATCTTCAAGGATGGCAAGGGCT
GCGGCTCCTGCTTTGAGGTCAAGTGTTCAGCCAGAGGCCTGCTCCGACAAGCC
CGTCATCATCCACATCACCGACATGAACACTGAGCCTATCGCCGCCTACCACTTC
GACCTCTCCGGCCATGCTTTTGGTGCCATGGCTAAGGAAGGCAAGGATGAGGAAC
TCCGCAAGGCGGGAATTATCGATATGCAGTTTCGTTCGCGTCCGCTGCAAGTACCC
TGGTGAGACTAAGGTCACCTTCCACGTTGAGAAGGGCTCCAACCCCACTACTTT
GCAGTGCTTGTCAAGTACGTCCGGTGGTGACGGTGATGTCGTGAAGGTGGAACCTA
AGGAGAAAGGCTCTGAGGAGTGAAGCCACTCAACGAGTCATGGGGTGCTATCT
GGAGGATAGACTCCCAAGCCACTCAAGGGCCCCCTTCTCCCTCCGTGTCACCAC
CGAGTCTGACCAGAAGCTTGTGCGCAACGACGTCATCCCCGATAATTGGAAGGCC
AACGCTCTTACAAATCAGAGATCCAAGTCGACTAA

Nucleotide

>OskEXPB-09

ATCATTCACAAATAACTAACCCATCAGCAACAATGGCATCCTCTTGTCTCCTTC
TGGCCTGTGTCGTGGCAGCGGCCATGGTGTCTGCAGTGTTCATGTGGGCCGCCCAA
GGTGCCGCCTGGCCCCAACATCACTGCGGCCTACGGCAAACAGTGGCTGGAAGCT

AGGGGTACCTGGTACGGCAAGCCAAAGGGTGCCGGCCCCGACGACAACGGCGGC
GCTTGTGGGTACAAGGACATTGACAAGGCTCCCTTCCTCGGCATGAACTCATGTG
GCAATGACCCTATCTTCAAGGATGGCAAGGGCTGCGGCTCCTGCTTTGAGGTCAA
GTGTTCCAAGCCAGAGGCCTGCTCCGACAAGCCCGTCATCATCCACATCACCGAC
ATGAACACTGAGCCTATCGCCGCCTACCACTTCGACCTCTCCGGCCATGCTTTTGG
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TATGCAGTTTCGTCGCGTCCGCTGCAAGTACCCTGGTGAGACTAAGGTCACCTTC
CACGTTGAGAAGGGCTCCAACCCCACTACTTTGCAGTGCTTGTCAAGTACGTCG
GTGGTGACGGTGATGTCGTGAAGGTGGAACTTAAGGAGAAAGGCTCTGAGGAGT
GGAAGCCACTCAACGAGTCATGGGGTGCTATCTGGAGGATAGACTCCCAAGC
CACTCAAGGGCCCCTTCTCCCTCCGTGTCACCACCGAGTCTGACCAGAAGCTTGT
CGCCAACGACGTCATCCCCGATAATTGGAAGGCCAACGCTCTCTACAAATCAGAG
ATCCAAGTCGACTAAGCCTGCATGGAATTCTTCCGTTGTCTAGCTACCTATGCACA
CAGGGGACGGAAAAAAATGTATTTTAAATTTAAAAAATAGAGCTAGGTTTGTGG
AGTGAGCAGAAAGTCTATCGGTCTATGGTGTCTGCTCTCCTACCTGGGCCCATGA
TCGAGTCTTCAATTCTCGATCAGAAAATTTTGATATTAATTTTACGCTTTCA
ATTCTAAGGGATTGTCAACGTGAAATTCAATTCCTTAAAAATAATAGGGAGTATC
TAAAAAACTGTTACAAGTTTTTTTTAGTGAAACTACACTACAACCTGCACTGTAACA
ACACTGTAACACTACTATAACTATG