

IDENTIFICATION

Species: *Oryza sativa* Kitaake

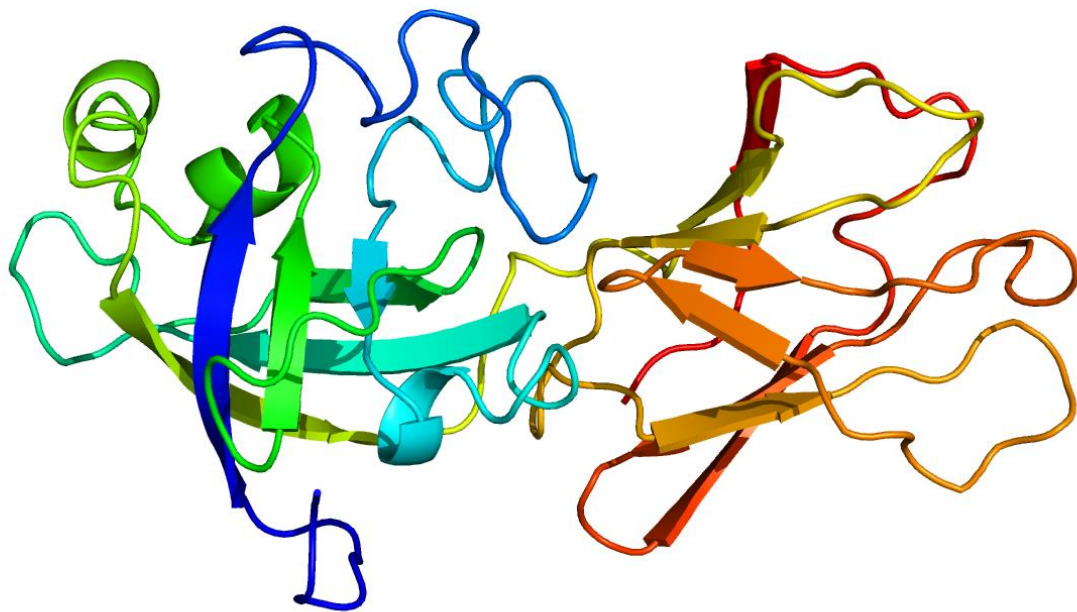
Locus: OsKitaake10g187400

Gene Model: OsKitaake10g187400.1.p

Description: OskEXPB-22

Family: Beta Expansin

3D structure:



GENOME DATABASES

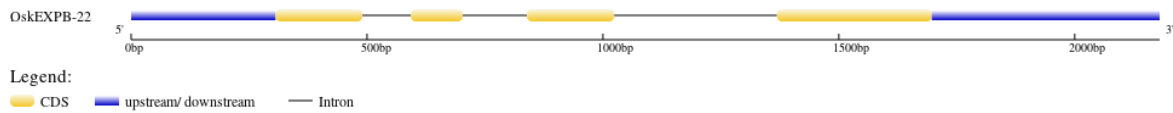
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

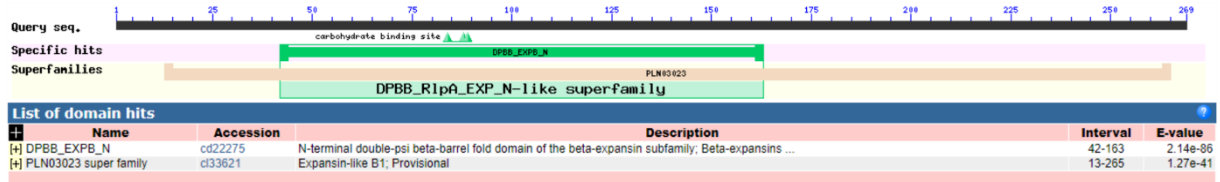
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPB-22

MAFSISKKA AVAALFSFLV VTCVAGARPGNFSASDFTADPNWEVARATWYGAPTGA
GPDDDGGACGFKNTNQYPFSSMTSCGNEPIFKDGGKGCSCYQIRCVNHPACSGNPET
VIITDMNYYPVSKYHFDLSGTAFGAMAKPGQNDQLRHAGIIDIQFKRVPCNFPGLKVT
FHVEEGSNPVYFAVLVEYEDGDGDVVQVDLMEANSQSWTPMRESWGSIWRLDSNH
RLTAPFSLRITNESGKQLVASQVIPANWAPMAVYRSFVQYSS*

CDS (coding sequence)

>OskEXPB-22

ATGGCTTTTTCCATCTCCAAGAAGGCTGCAGTTGCTGCACTCTTCTCCTTCCTTGT
GTCACCTGCGTCGCCGGCGCCAGGCCGGGGA ACTTCAGCGCCTCCGACTTCACCG
CCGATCCCAACTGGGAAGTCGCCAGGGCCACCTGGTACGGCGCTCCCACCGGCGC
CGGCCCTGACGACGATGGCGGTGCTTGCGGGTTCAAGAACACCAACCAGTACCC
GTTCTCGTCGATGACCTCCTGCGGCAACGAGCCTATCTTCAAGGACGGGAAGGGC
TGTGGCTCATGCTACCAGATAAGATGCGTCAACCACCCTGCCTGCTCCGGCAACC
CGGAGACGGTGATCATCACCGACATGAACTACTACCCGTTTCCAAGTACCACTT
CGACCTGAGCGGCACGGCGTTTCGGCGCCATGGCCAAGCCGGGGCAGAACGACCA
GCTCCGCCACGCCGGCATCATCGACATCCAGTTCAAGAGGGTGCCGTGCAACTTC
CCTGGGCTGAAGGTGACGTTCCACGTGGAGGAGGGGTCGAACCCGGTGTACTTCG
CGGTGCTGGTTGAGTACGAGGACGGCGACGGCGACGTGGTGCAAGTGGATCTCA
TGGAGGCCAACTCCCAGTCGTGGACGCCGATGCGCGAGTCGTGGGGCTCCATCTG
GAGGCTCGACTCCAACCACCGCCTCACGGCGCCCTTCTCGCTCCGCATCACCAAC
GAGTCCGGCAAGCAGCTCGTCGCCAGCCAGGTCATCCCGGCCAACTGGGCCCCCA
TGGCCGTCTACCGTTCTTTCGTCCAGTACAGCAGCTAA

Nucleotide

>OskEXPB-22

ATCACTTTCTTTAATAACAGTGCCTCGTGAAGTGAAGAAGCCTCCCATTTTTCTCC
ATTCCGTTGCATGATTTGCTCCGGTTAGCCATGTGACCCCTAACCAAGCACGTC
GGGTGCAACGACCGGTGATGGCGATCGCGTCGCCTTCTCCTCTCTCCGGCCGCCT

ATAAATTCGGCGCCAATGTGCACCTCTCCGACCACCAAACAAAGCTCAGAATCC
TACCTGACTAGTACTACCACTACTAGCTAGTAGCGAGCTACTCTCTCTGGTCATCA
AGCTTTGAGTGGTTGGAGTGGTGGCAGCTATGGCTTTTTCCATCTCCAAGAAGGC
TGCAGTTGCTGCACTCTTCTCCTTCTTGTGTGCACCTGCGTCGCCGGCGCCAGGC
CGGGGAACCTTCAGCGCCTCCGACTTCACCGCCGATCCCAACTGGGAAGTCGCCAG
GGCCACCTGGTACGGCGCTCCCACCGGCGCCGGCCCTGACGACGATGGTACGTTT
GCCGGTGCACCTCGGCGACTGATCATTCCATCGAGATGAACCAATTACGTTGTAT
AATTGAACTGTTATAAATAAGTGTGGTGTGATGCTGCAGGCGGTGCTTGCGGGT
TCAAGAACACCAACCAGTACCCGTTCTCGTCGATGACCTCCTGCGGCAACGAGCC
TATCTTCAAGGACGGGAAGGGCTGTGGCTCATGCTACCAGGTACACTAAAGATTC
AGCTCAAATTTGCAATGACGACGGGCGTTGAGCCGTTGATGCGAAGCGACTGATC
GAGACGTAGGTATTCACAGTGTGTTGACTGTTTGTGCTGGTGCATGGCTTCTTT
TTTTCTTCAGATAAGATGCGTCAACCACCCTGCCTGCTCCGGCAACCCGGAGACG
GTGATCATCACCGACATGAACTACTACCCCGTTTCCAAGTACCCTTCGACCTGA
GCGGCACGGCGTTCGGCGCCATGGCCAAGCCGGGGCAGAACGACCAGCTCCGCC
ACGCCGGCATCATCGACATCCAGTTC AAGAGGTAATAGTTTAGTAGTAGGCTAGT
AGCTCCTGCAGGCTGCACGAACAGAAGCATCATCATGGCCACCCCTTGCCTTGCA
GTTGCTAGCTTGTGCCGTCGTGGAGCCCTCGTACTTTTGGGTGCAAACCCGACAG
CGACATTGCTTGTATGTCCTCCGGGACCCAAGCAGATTCTGATCGCACAAATACC
ACTAAAACCTCTTTAATTAAGTACATGCAGCCGCTTTACAATTTGTCGCCTCTGCC
TGTCATCACCTACTACTATACTGCCTTGCATACTCACTCTGAATTAATCTGATAAG
AATGTAACACTAACACATGGATTGTTGGGGGTTTGGCCATGCAGGGTGCCGTGCA
ACTTCCCTGGGCTGAAGGTGACGTTCCACGTGGAGGAGGGGTGCAACCCGGTGT
CTTCGCGGTGCTGGTTGAGTACGAGGACGGCGACGGCGACGTGGTGCAGGTGGA
TCTCATGGAGGCCAACTCCCAGTCGTGGACGCCGATGCGCGAGTCGTGGGGCTCC
ATCTGGAGGCTCGACTCCAACCACCGCCTCACGGCGCCCTTCTCGCTCCGCATCA
CCAACGAGTCCGGCAAGCAGCTCGTCGCCAGCCAGGTCATCCCGGCCAACTGGG
CCCCATGGCCGTCTACCGTTCTTTCGTCCAGTACAGCAGCTAAGCCAATGATCA
AGAACAAGCATAATTCATGCCTACTATAGCAGCAGCAGAAGCAGCATTAGCTACT
ATACATACCTCTACGTACGACATTTGAGATCGATCGTTTGGCCATTTTTATCTGCT
CGGGTATTGATTAGCTCTCCCTCGGTATTGTATGGATTTGCATGGATGGTTCATTA
ATCTGTCATCAGGAGTTCGTTTTGAGTAGGTGAGACGTCGGTTGTTGGGTGTCAT
ATAGACATCGCTCGGTGTCTTGAGGTTGAGAGTGGGATAAGGAGGAGGCAAAGT
TTGCATGTGCTGTCCCGCCACTCTCACTGTACCAGTGTCACTGTTTGTGTAACCA
GAACAAAGGTCATAAATTATACTACTAGTATACAGTTTGTGCTGCCTGGCATTCACT
ATGATCAATGCTTCCATTTCTCACCTGTGCCTTCTCCTTGTCTGATGCACAGTAGT
GGTACTCCTCTTCAATCTTCATGAACATG