

IDENTIFICATION

Species: *Oryza sativa* Kitaake

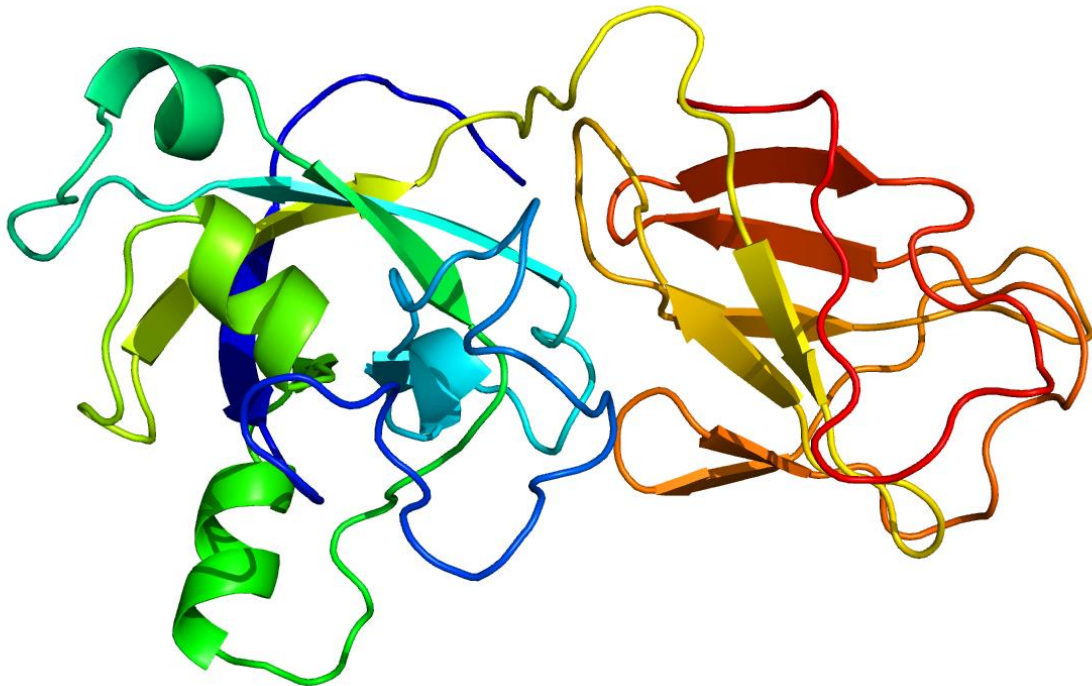
Locus: OsKitaake03g043800

Gene Model: OsKitaake03g043800.1.p

Description: OskEXPA-13

Family: Alpha Expansin

3D structure:



GENOME DATABASES

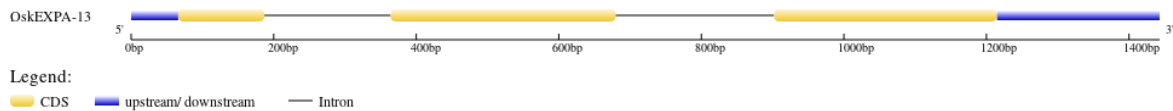
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

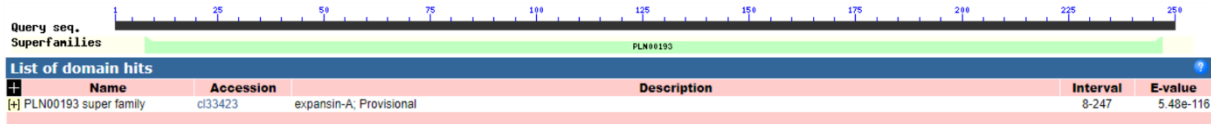
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPA-13

MGNIVLQLLAILALCIAPARSGWLQGTATFYGGADGSGTMGGACGYGNLYDQGYGI
NNAALSTPLFNNGASCQCYLICNYDKAPSGCRMGTAITVTGTNFCPPNYDLPGG
WCNTTRPHFDMSQPAWENIGIYSAGIVPILYQQVKCWRSGGVRFITGLNYFELVLVT
NMAGSGSIASMSVKGSSTGWIQMSRNWGANWQCLAGLAGQALSFTVTSTGGQITIV
DSVVPAGWSFGQTFSTYQQFDY*

CDS (coding sequence)

>OskEXPA-13

ATGGGGAACATTGTCCTGCAGCTGCTCGCGATTCTTGC ACTCTGCATTGCACCGG
CGAGGTCCGGCTGGCTCCAGGGCACCGCCACGTTCTACGGCGGGCGCCGACGGCTC
CGGCACCATGGGTGGTGC GTGCGGTACGGGAATCTGTACGACCAGGGCTACGG
CATCAACAACGCGGGCGCTGAGCACGCCACTGTTCAACAACGGGGCGTTCGTGCGG
GCAATGCTACCTCATCATCTGCAACTACGACAAGGCGCCAGCGGGTGCAGGATG
GGCACGGCGATCACCGTGACGGGCACCAACTTCTGCCCGCCCAACTATGACCTCC
CCTACGGCGGCTGGTGCAACACGACCCGCCCTCACTTCGACATGTCCAGCCCGC
CTGGGAGAACATTGGCATCTACAGCGCTGGCATCGTCCCGATTCTCTACCAACAG
GTGAAGTGCTGGAGAAGTGGGGGAGTGAGATTCACCATCACCGGGTTGAACTAC
TTCGAGCTGGTGTGGTGACGAACATGGCCGGGAGCGGGTTCGATCGCGAGCATGT
CGGTGAAGGGCTCAAGCACGGGGTGGATTCAGATGTCGAGGAATTGGGGCGCCA
ATTGGCAGTGTCTCGCCGGACTGGCTGGTCAGGCGCTCAGTTTCACCGTACCTC
CACCGGCGGCCAGACCATCGTCTTCGACAGCGTTCGTGCCGGCGGGGTGGTTCGTT
GGGCAAACCTTCAGCACCTACCAGCAGTTCGACTACTAA

Nucleotide

>OskEXPA-13

ATCCATTCTTCCCAACAATATCTAGCTGCACCTGCGCAGGAGACCTAGCTATAGC
TACAGGAAATCATGGGGAACATTGTCCTGCAGCTGCTCGCGATTCTTGC ACTCTG
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GCCGACGGCTCCGGCACCATGGGTACGTCGTCGTCGTC TACTCCATTTCTCTCG
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AGCGGGTCGATCGCGAGCATGTCGGTGAAGGGCTCAAGCACGGGGTGGATTTCAG
ATGTCGAGGAATTGGGGCGCCAATTGGCAGTGTCTCGCCGGACTGGCTGGTCAGG
CGCTCAGTTTCACCGTCACCTCCACCGGCGGCCAGACCATCGTCTTCGACAGCGT
CGTGCCGGCGGGGTGGTCGTTTCGGGCAAACCTTCAGCACCTACCAGCAGTTCGAC
TACTAAGCTATATATGTTCAGACATCAGGAACATCAAGATCGTTCGTCTGAAATGT
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CGCTCTAAGATCGAGCATTGTTTATTGGGATCATTAATTCATTTGATTGTTTCAGTT
GCTAATTGATGGATGTAAATTAAGTTGCAATATATCCAAGGCAATCATTATTA
TGATATGAAATT