

IDENTIFICATION

Species: *Oryza sativa Kitaake*

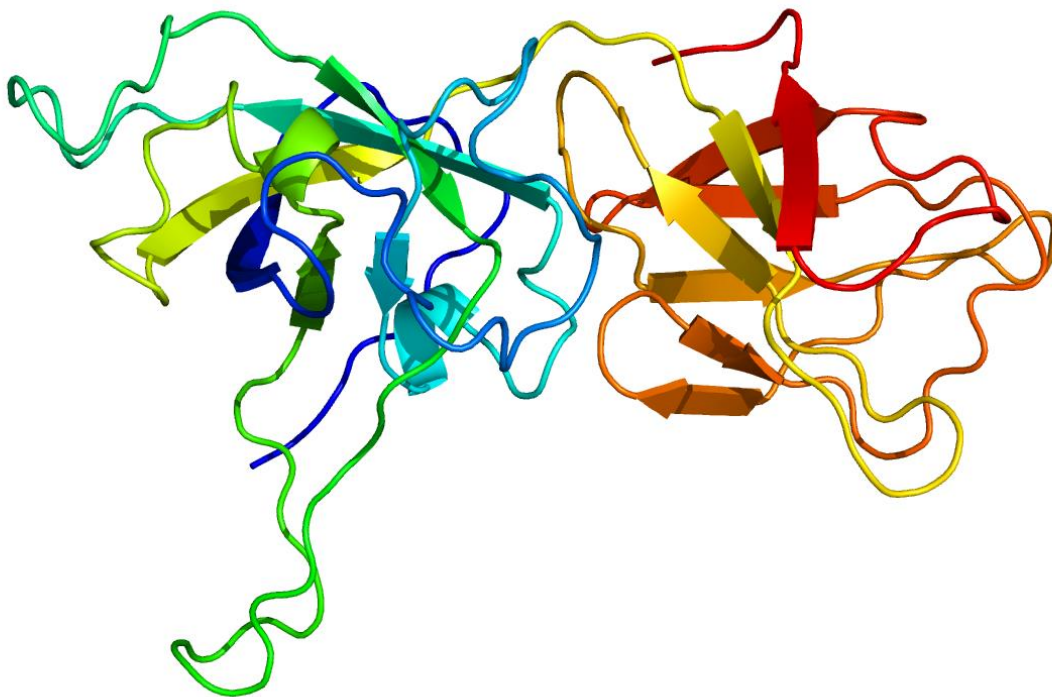
Locus: OsKitaake02g118200

Gene Model: OsKitaake02g118200.1.p

Description: OskEXPA-05

Family: Alpha Expansin

3D structure:



GENOME DATABASES

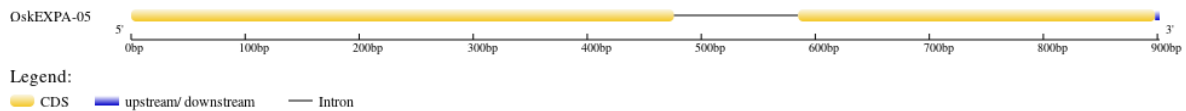
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

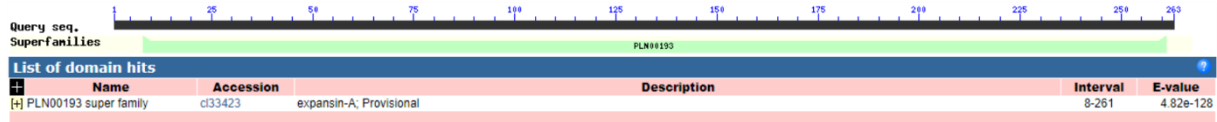
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPA-05

MASSPRAFALVFFAIAAVGCTQLTTADDAAPPVWQKAHATFYGGADASGTMGGGC
GYGDLYSQGYGTRNAALSTALFNDGASCGQCYKIACDRKRAPQWCKPGVTVTITAT
NFCPPNWDLPDNGGWCNPPRPHFDMAQPAWEKIGIYSAGIIPVIYQRVPCIKKGGVVR
FTINGHDYFNLVLTNVATTGSIKSMDIMGSNSTDWMPMVRNWWGANWHSLSYLTG
QTLFSFRVTNMDGQTLVFKNIVPSGWKFGQTFSTSKLQFK*

CDS (coding sequence)

>OskEXPA-05

ATGGCTTCATCGCCTCGAGCTTTCGCGTTGGTGTTTTTTCGCAATCGCGGCCGTCGG
CTGCACTCAGCTGACCACGGCCGACGACGCGGCTCCGCCCGTGTGGCAGAAGGC
GCACGCGACGTTCTACGGCGGCGCCGACGCGTCGGGCACCATGGGAGGCGGGTG
CGGGTATGGCGACCTGTACTCGCAGGGGTACGGCACGCGGAACGCGGCGCTGAG
CACGGCGCTGTTCAACGACGGCGCGTTCGTGCGGGCAGTGCTACAAGATCGCCTGC
GACCGGAAGAGGGCGCCGCACTGGTGTCAAGCCCGGCGTCACGGTCACCATCACC
GCCACCAACTTCTGCCCGCCCACTGGGACCTGCCAGCGACAATGGTGGCTGGT
GCAACCCGCGCGGCCGCACTTCGACATGGCGCAGCCGGCGTGGGAGAAGATTG
GCATCTACAGCGCGGGC ATCATCCCGTTATCTACCAAAGGGTTCATGCATAAA
GAAGGGTGGGGTGC GGTTTACCATTAACGGGCACGACTACTTCAATCTTGTGCTC
GTGACAAACGTTGCAACCACTGGTTCGATCAAGTCAATGGACATCATGGGATCCA
ACTCAACCGACTGGATGCCAATGGTGAGAACTGGGGTGCAAACTGGCACTCAC
TATCGTATCTCACAGGGCAGACGCTCTCCTTCAGGGTACTAACATGGATGGCCA
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Nucleotide

>OskEXPA-05

ATGGCTTCATCGCCTCGAGCTTTCGCGTTGGTGTTTTTTCGCAATCGCGGCCGTCGG
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GCACGCGACGTTCTACGGCGGCGCCGACGCGTCGGGCACCATGGGAGGCGGGTG
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GACCGGAAGAGGGCGCCGCAGTGGTGCAAGCCCGGCGTCACGGTCACCATCACC
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GACAAACGTTGCAACCACTGGTTCGATCAAGTCAATGGACATCATGGGATCCAAC
TCAACCGACTGGATGCCAATGGTGAGAACTGGGGTGCAAACCTGGCACTCACTAT
CGTATCTCACAGGGCAGACGCTCTCCTTCAGGGTGACTAACATGGATGGCCAGAC
GCTTGTCTTCAAGAACATTGTGCCATCTGGATGGAAATTTGGGCAAACATTTACA
AGCAAGCTGCAATTCAAGTAACCAA