

IDENTIFICATION

Species: *Oryza sativa* Kitaake

Locus: OsKitaake02g118400

Gene Model: OsKitaake02g118400.1.p

Description: OskEXPA-07

Family: Alpha Expansin

3D structure:



GENOME DATABASES

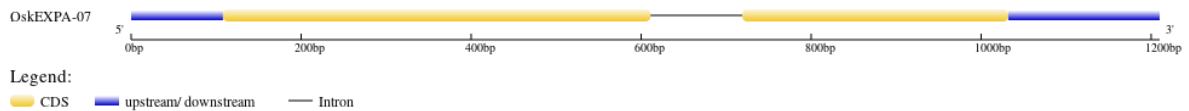
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

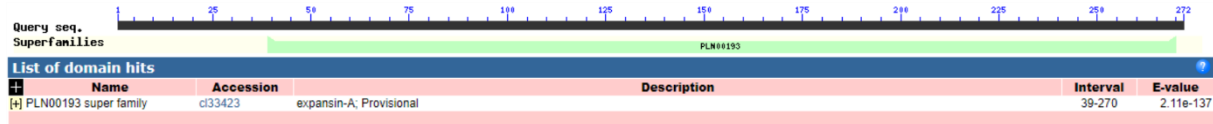
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPA-07

MTTDMAPARAFVLVLLAVASASTAAANTATTTPTNPVAAPTQWQKAHATFYGGAD
ASGTMGGACGYGNLYSQGYGTRNAALSTALFNDGASCGQCYKIACDRKRAPQWCK
PGVTVTITATNFCPPNWNLPSDNGGWCNPPRPHFDMAQPAWEKIGVYSAGIIPVIYQR
VPCVKKGLRFTINGHDYFQLVLVTNVAAAGSIKSMEVMGSNTADWMPMARNWG
AQWHSLAYLTGQGLSFRVTNTDDQTLVFTNVVPPGWKFGQTFASKLQFK*

CDS (coding sequence)

>OskEXPA-07

ATGACGACAGACATGGCCCCAGCTCGAGCGTTCGTGTTGGTGCTGCTCGCAGTCG
CCAGTGCATCGACGGCCGCGGCAACACAGCGACGACGACGCCACAAACCCGG
TGGCTGCGCCGACCCAGTGGCAGAAGGCGCACGCGACGTTCTACGGCGGCGCGG
ACGCGTCGGGCACCATGGGCGGGGCGTGCGGATACGGCAACCTGTACTCGCAGG
GGTACGGCACGCGGAACGCGGCGCTGAGCACGGCGCTGTTCAACGACGGCGCGT
CGTGCGGGCAGTGCTACAAGATCGCCTGCGACCGCAAGAGGGCGCCGCAGTGGT
GCAAGCCCGGCGTCAACGTTACCATCACCGCCACCAATTTCTGCCCCGCCAACTG
GAACCTTCCCAGTGATAATGGTGGCTGGTGAACCCACCACGGCCGCACTTTGAC
ATGGCACAGCCGGCCTGGGAGAAGATCGGCGTCTACAGCGCAGGCATCATAACG
GTCATCTATCAAAGGGTTCCTTGCGTGAAGAAGGGTGGCCTGCGGTTACCATTA
ACGGTCACGACTACTTCCAGCTAGTACTGGTGACCAACGTCGCGGCGGCAGGGTC
AATCAAGTCCATGGAGGTTATGGGTTCCAACACAGCGGATTGGATGCCGATGGCA
CGTAACTGGGGCGCCCAATGGCACTCACTGGCCTACCTCACGGTCAAGGTCTAT
CCTTTAGGGTCAACCAACACAGATGACCAAACGCTCGTCTTACCAACGTCGTGCC
ACCAGGATGGAAGTTTGGCCAGACATTTGCAAGCAAGCTGCAGTTCAAGTGA

Nucleotide

>OskEXPA-07

GAAGATCAACACAAAGCAACAGAGCAGTGTTGCTTTTCAGAGATAGATAGCTCCA
GATAATTA ACTCGGTCATCAAGTCTCAAGGGCCTAGTTACAGAGTTATCCGATCA
TGACGACAGACATGGCCCCAGCTCGAGCGTTCGTGTTGGTGCTGCTCGCAGTCGC
CAGTGCATCGACGGCCGCGGCAACACAGCGACGACGACGCCACAAACCCGGT

GGCTGCGCCGACCCAGTGGCAGAAGGCGCACGCGACGTTCTACGGCGGGCGCGGA
CGCGTTCGGGCACCATGGGGCGGGGCGTGCGGATACGGCAACCTGTACTCGCAGGG
GTACGGCACGCGGAACGCGGCGCTGAGCACGGCGCTGTTCAACGACGGCGCGTC
GTGCGGGCAGTGCTACAAGATCGCCTGCGACCGCAAGAGGGCGCCGAGTGGTG
CAAGCCC GGCGTCACCGTTACCATCACCGCCACCAATTTCTGCCCGCCCAACTGG
AACCTTCCCAGTGATAATGGTGGCTGGTGCAACCCACCACGGCCGCACTTTGACA
TGGCACAGCCGGCCTGGGAGAAGATCGGCGTCTACAGCGCAGGCATCATAACCGG
TCATCTATCAAAGGTACCAATACAAATACTCCAATTATTTTGGACATTATGGAGA
GAACAGTGCATATCCTGACCGCTGCTTCCATATGAAAATATCCTACTCTTGCGAT
GATTTCTACAGGGTTCCTTGCGTGAAGAAGGGTGGCCTGCGGTTACCATTAACG
GTCACGACTACTTCCAGCTAGTACTGGTGACCAACGTCGCGGGCGGCAGGGTCAAT
CAAGTCCATGGAGGTTATGGGTTCCAACACAGCGGATTGGATGCCGATGGCACGT
AACTGGGGCGCCCAATGGCACTCACTGGCCTACCTCACCGGTCAAGGTCTATCCT
TTAGGGTCACCAACACAGATGACCAAACGCTCGTCTTCACCAACGTCGTGCCACC
AGGATGGAAGTTTGGCCAGACATTTGCAAGCAAGCTGCAGTTCAAGTGAGAGGA
GAAGCCTGAATTGATACCGGAGCGTTTCTTTTGGGAGTAACATCTCTGGTTGCCT
AGCAAACATATGATTGTATATAAGTTTCGTTGTGCGTTTATTCTTTCGGTGTGTAA
ATAACATACATGCTTTCCTGATATTTTCTTGTATATATGTACACACACACGACAA
ATCCTT