

IDENTIFICATION

Species: *Oryza sativa* Kitaake

Locus: OsKitaake05g206300

Gene Model: OsKitaake05g206300.1.p

Description: OskEXPA-24

Family: Alpha Expansin

3D structure:



GENOME DATABASES

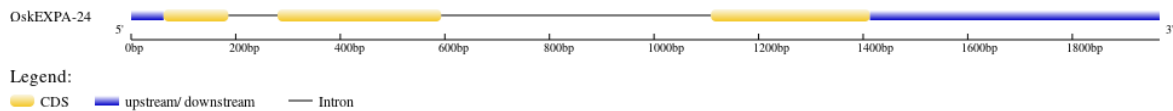
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

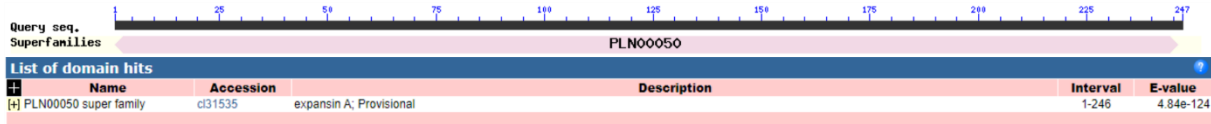
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPA-24

MAIAGVLFLLFLARQASAAGYGGWQSAHATFYGGGDASGTMGGACGYGNLYSQG
YGTNTAALSTALFNDGAACGSCYELRCDNAGSSCLPGSITVTATNF CPPNYGLPSDD
GGWCNPPRPHFDMAEPAFLHIAQYRAGIVPVSFRRVPCVKKGGVRFTVNGHSYFNLV
LVTNVAGAGDVRVSISIKSRTGWQPMSRNWQNWQSN AFLDGQSLSFQVTASDGR
TVTSNNVAHPGWQFGQTFEGGQF*

CDS (coding sequence)

>OskEXPA-24

ATGGCGATCGCTGGCGTTCTCTTCTCCTCCTTCTTGGCACGGCAAGCCTCCGCCGC
CGGGTACGGCGGGTGGCAGAGCGCCACGCCACGTTCTACGGCGGGCGGCGATGC
TTCCGGCACCATGGGCGGGGCTTGCGGTTACGGCAACCTGTACAGCCAAGGGTAT
GGCACGAACACCGCGGGCGCTGAGCACGGCGCTGTTCAACGACGGCGCGGGCGTGC
GGGTCGTGCTACGAGCTGCGGTGCGACAACGCCGGGAGTTCGTGCCTGCCGGGCT
CCATCACCGTGACGGCCACCAACTTCTGCCCGCCCAACTACGGCCTCCCCAGCGA
CGACGGCGGCTGGTGCAACCCGCCCGCCCTCACTTCGACATGGCCGAGCCGGCA
TTCCTCCACATCGCCAGTACCGCGCCGGCATCGTCCCCGTCTCCTTCCGCAGGGT
GCCGTGCGTGAAGAAGGGTGGGGTCAGGTTACCGTGAACGGGCACTCCTACTTC
AACCTGGTGCTGGTGACCAACGTGGCCGGCGCCGGCGACGTCCGCTCCGTCTCCA
TCAAGGGGTCGCGCACCGGGTGGCAGCCCATGTCGCGGAACTGGGGCCAGA ACT
GGCAGAGCAACGCGTTCCTCGACGGCCAGAGCCTCTCCTTCCAGGTCACCGCCAG
CGACGGCCGCACCGTCAACAGCAACAACGTGCGCCACCCCGGCTGGCAGTTCGGC
CAGACCTTCGAGGGTGGCCAGTTCTAG

Nucleotide

>OskEXPA-24

ACACTGCCAAGCTCCGCTTCAAGTGAGCTAGTCTAGCCAGCGTTTAGACACCATC
ACCAGCAATGGCGATCGCTGGCGTTCTCTTCTCCTCCTTCTTGGCACGGCAAGCCT
CCGCCGCCGGGTACGGCGGGTGGCAGAGCGCCACGCCACGTTCTACGGCGGGCG
GCGATGCTTCCGGCACCATGGGTGAGTAGTAGAATCTCATGCGCAGCCGGCGAAT
GCAGCGTGTTGCTGTAGCTCAACGGCGAGAATGACGATCGAAATGGTCTTTAATT
TGCAGGCGGGGCTTGCGGTTACGGCAACCTGTACAGCCAAGGGTATGGCACGAA

CACCGCGGCGCTGAGCACGGCGCTGTTCAACGACGGCGCGGCGTGCGGGTCTGTG
CTACGAGCTGCGGTGCGACAACGCCGGGAGTTCGTGCCTGCCGGGCTCCATCACC
GTGACGGCCACCAACTTCTGCCCCGCCAACTACGGCCTCCCCAGCGACGACGGCG
GCTGGTGCAACCCGCCCGCCCTCACTTCGACATGGCCGAGCCGGCATTCTCCA
CATCGCCCAGTACCGCGCCGGCATCGTCCCCGTCTCCTTCCGCAGGTACATTCTC
TTCGCCTTCACAGACTCTCAGCTGGTTTCTACCGTAGTAGTAGAATCGAACAAGTT
TAAACAACCTTGAGAAAAAAAAAACAGTTAAACTTAAAACGTACCAATAGTGG
TCAGTTATGACTTGCGACTTTAGTCTGTACTACCGCCACGTCCTGGCACGATCGG
CCGGATCAATTAACACGCGACGTTCGGTTCGGTTTCAACTTTACGCCGGGCCCCAC
ATTAGGCTCGGCCGCGTGCCATGAGTGACCATTAGTTTCCGCTGGGACCAGCCTG
CGGATTTGATACGTTGCATGCAGATAGGCCGCTGCTGCTGCTGCAGCAGCAACTG
CGCCACGTACAGTGGCTACGCATGTGCATGCTGCGTCGTGCCATTGTACGTA
GCCTCACACCGATTTCGGTTCGCGGGATTACCTCACCGCGAGATCGAGCAAGAAA
GAAAAAAAAACATATGTACTCCAGTATTAACCGCGCGGTCTCGTGTGATTTTCTTT
TTGCTGCAGGGTGCCGTGCGTGAAGAAGGGTGGGGTCAGGTTACCGTGAACGG
GCACTCCTACTTCAACCTGGTGTGGTGACCAACGTGGCCGGCGCCGGCGACGTC
CGTCCGTCTCCATCAAGGGGTCGCGCACCGGGTGGCAGCCATGTGCGGGA
GGGGCCAGA
ACTGGCAGAGCAACGCGTTCCTCGACGGCCAGAGCCTCTCCTTCCA
GGTCACCGCCAGCGACGGCCGCACCGTCACCAGCAACAACGTCGCCCACCCCGG
CTGGCAGTTCGGCCAGACCTTCGAGGGTGGCCAGTTCTAGCCGCCACCGACATCG
CCGTCTCCGACACCCACATATAATAGCACGGTGCCTTCTTCGTCTTCGTTCTCGT
CGTCGTCTTTCTTCTTCTGAGAGATTATTTATTTTGGAGCAAGAGAGAAAGAAAAGC
CTCTTCGTTATAGTGGAGAAGAGGTTTTGGGCTATGCTGAGGCTGCTAATTAGCA
CCCGCTTAGACGTTTTCTTCTCTGGACTTCGTCCAATAATGACTGGACCGGTCCA
CCATCATCAAGTGTAGTGGTAGTAAAGGGGAGTACTAAGCTTAGTACTACTT
GAAGAAAAAATCAATAATAATTGTATTGATTAAATTTCTACTTTTGGAGCGTTTTCT
TGTACCGGAGTGATGGCCTTGCAACGGAATTA
AAAAACCGCGAGGCCGTGTTTTAT
TTATCAAGGGGACTATTGATGTTGTACTTTGTGCTAGCTAGCGGCTGTAGCTTCTC
TGTTCTGTATTGTTTGGGTGTAATGGAGGAGTAATCAATTAAGGTGTACTTATTC
CTTTGTGAGGGATTAAATTGATGCGTACTTAATCCCCC