

IDENTIFICATION

Species: *Oryza sativa* Kitaake

Locus: OsKitaake03g043600

Gene Model: OsKitaake03g043600.1.p

Description: OskEXPA-11

Family: Alpha Expansin

3D structure:



GENOME DATABASES

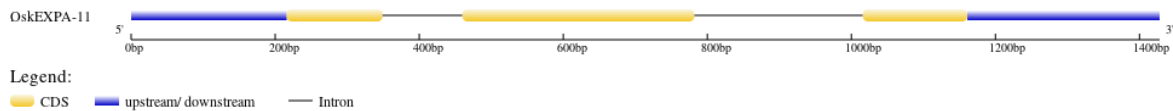
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE

Query seq. MEYAILFATSLVITVLAASGFAPA...
Superfamilies PLN00193

Name	Accession	Description	Interval	E-value
PLN00193 super family	cl33423	expansin-A, Provisional	4-196	1.29e-97

SEQUENCES

Peptide

>OskEXPA-11

MEYAILFATSLVITVLAASGFAPA
HGWNKGTATFYGGADASGTMGGACGYGNLYTA
GYGTNTAALSSVLFNDGWSCGQCYLIMC
DAAATPQWCRAGAAVTITATNLCPPNW
ALPSNSGGWCNPPRPHFDMAEPAWLQIGIYKAGIIPVLYQQVKCWRQGGIRFTMGGF
NFFELVLSNVAGSGSVRSVSVKGEARGGSR*

CDS (coding sequence)

>OskEXPA-11

ATGGAGTACGCGATCTTATTCGCCACGTCGTTGGTGATCACCGTGCTAGCAGCAT
CCGGCTTCGCGCCGGCGCATGGCTGGAACAAAGGGACGGCGACGTTCTACGGCG
GCGCCGACGCCTCCGGCACGATGGGTGGCGCGTGCGGGTACGGGAACCTGTACA
CGGCGGGGTACGGGACGAACACGGCGGCGCTGAGCTCGGTGCTGTTCAACGACG
GGTGGTCGTGCGGGCAGTGCTACCTGATCATGTGCGACGCCGCCGCGACGCCGCA
GTGGTGCAAGGGCGGGCGCCGCGGTGACCATCACGGCCACCAACCTGTGCCCCGCC
CAACTGGGCTCTCCCCAGCAACAGCGGGCGGCTGGTGCAACCCGCCCCGCCCTCAC
TTCGACATGGCCGAGCCCGCCTGGCTCAGATCGGCATCTACAAGGCCGGCATCA
TCCCCGTCCTTACCAACAGGTGAAGTGCTGGAGGCAGGGAGGGATCAGGTTTAC
GATGGGAGGGTTCAACTTCTTCGAGCTGGTGCTGGTGTCGAACGTGGCGGGGAGC
GGGTCGGTGAGGTCGGTGTCGGTGAAGGGGGAAGCACGGGGTGGATCACGCTGA

Nucleotide

>OskEXPA-11

CTTACATTTTCTTGCATGCATGTGAGCCTAGCTTGCCTGCTGACTGAGATATCG
CCGGCATGTTCTCTGCAATTCCCTGCTCTGATCTGACCATAATTCTCATTCCTGCT
CTTATATAACCCCTCCACGTTCACTGCAAACCATCAGAAAATTCAGAACCTCG
GTAACCTCCTGATCAGTGTTTCGATTCTCTGCTCTATCGTCTCGACGGAGATGGAGT
ACGCGATCTTATTCGCCACGTCGTTGGTGATCACCGTGCTAGCAGCATCCGGCTTC
GCGCCGGCGCATGGCTGGAACAAAGGGACGGCGACGTTCTACGGCGGGCGCCGAC
GCCTCCGGCACGATGGGTACGTAAGAAAACCTTTGGTGCTCTATCAACTACGGAG
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GACTCTGTGTGTTTCAGGTGGCGCGTGCGGGTACGGGAACCTGTACACGGCGGGGT
ACGGGACGAACACGGCGGCGCTGAGCTCGGTGCTGTTCAACGACGGGTGGTTCGT

GCGGGCAGTGCTACCTGATCATGTGCGACGCCGCCGCGACGCCGCAGTGGTGCA
GGGCGGGCGCCGCGGTGACCATCACGGCCACCAACCTGTGCCCGCCCAACTGGG
CTCTCCCCAGCAACAGCGGGCGGCTGGTGCAACCCGCCCGCCCTCACTTCGACAT
GGCCGAGCCCGCCTGGCTCCAGATCGGCATCTACAAGGCCGGCATCATCCCCGTC
CTCTACCAACAGTAAGTACTTACAGTGTATTACAAC TAGTAGTAATCCGTAATTA
CTGCTCTTAAGTACATTCTAACATGTTAATTTCAAACGGATGAACGGTTGCTTTAA
AATATCAAATAAATCTATTTCTAAAGTTTGTAATAATAAAAAATCAATTAATCAT
ACGCTAATAACTTTCTCATTTTGTGTGCACTAACTTTATCTTCGTCGATCTTAAAC
ACCTATACCTAATTGATGTGTAGGGTGAAGTGCTGGAGGCAGGGAGGGATCAGG
TTCACGATGGGAGGGTTCAACTTCTTCGAGCTGGTGCTGGTGTCGAACGTGGCGG
GGAGCGGGTTCGGTGAGGTCGGTGTCGGTGAAGGGGGAAGCACGGGGTGGATCAC
GCTGAACCGGAACTGGGGCGCCAACTGGCAGTGCAACTCGGGGCTCGTCGGCCA
GGCGCTCTCCTTCGCCGTCACATCCACCGCGGCCAGACGCTCTACATCTACAAC
GTCGTGCCAGCTGGTGGAGCTTCGGCATGACATTCACCAGCAACCAGCAGTTCA
GTTATTAGCAGGGAGAGGAATTTGTTTCGTCTGCATGATCTCAAGCTGGGAAATTA
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