IDENTIFICATION

Species: *Oryza sativa Kitaake*

Locus: OsKitaake03g170000

Gene Model: OsKitaake03g170000.1.p

Description: OskEXPA-16

Family: Alpha Expansin

3D structure:

GENOME DATABASES

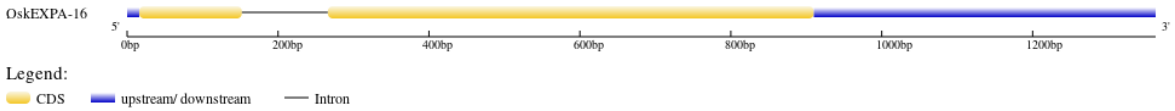
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

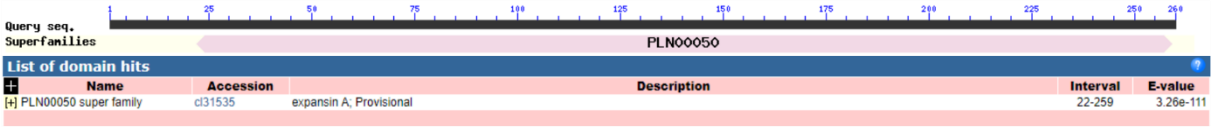
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPA-16

MAPPLLLLLASLLLVAARRALGLGLGQWQPGHATFYGGGDASGTMGGACGYGNLY
SQGYGTSTAALSTALFNRGLSCGSCYELRCAGDHRRSCLPGGATVTVTATNFCPPNY
ALPSDGGGWCNPPRRHFDLAEPAFLRIARHAAGIVPVSFRRVACARKGGVRFTVNGH
AYFNLVLVTNVGGAGDVRSLAVKGSGSGSRVGGRWQPMSRNWGQNWQSNAYLDG
KALSFRVTAGDGRSLTCADVAPAGWQFGQTFEGRQF*

CDS (coding sequence)

>OskEXPA-16

ATGGCGCCACCCCTGCTCCTCCTCCTCGCTTCTCTCCTCCTCGTCGCAGCGCGGCG
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GGCGGCGACGCCTCCGGCACGATGGGTGGCGCGTGCGGGTACGGGAACCTGTAC
AGCCAGGGGTACGGCACGAGCACGGCGGCGCTGAGCACGGCGCTGTTCAACAGG
GGCCTGAGCTGCGGCTCCTGCTACGAGCTCCGGTGCGCGGGCGACCACCGCCGGT
CGTGCCTCCCCGGCGGCGCCACCGTGACGGTGACGGCGACCAACTTCTGCCCCCC
GAACTACGCGCTCCCGAGCGACGGCGGCGGCTGGTGCAACCCACCGCGGCGGCA
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GTCCCGGTCTCCTTCCGCCGCGTGGCGTGCGCCAGGAAGGGCGGCGTCAGGTTCA
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CGGCGACGTGCGCTCCCTCGCCGTGAAGGGGTCGGGGTCCGGGTCGCGCGTGGG
GGGGCGGTGGCAGCCGATGTCGCGCAACTGGGGGCAGAACTGGCAGAGCAACGC
GTACCTCGACGGCAAGGCGCTCTCCTTCCGCGTCACCGCCGGCGACGGCCGCTCC
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GCAGGCAGTTCTAG

Nucleotide

>OskEXPA-16

GCACCAAACTACCCCAATGGCGCCACCCCTGCTCCTCCTCCTCGCTTCTCTCCTCC
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CGCCGGCGACGGCCGCTCCCTCACCTGCGCCGACGTGGCGCCCGCCGGCTGGCAG
TTCGGCCAGACCTTCGAGGGCAGGCAGTTCTAGATTAGTTTAGCCAAGAGGATTA
TTATCTCTTAATTCTTACTAGTATCTTTTGAGTTTAATTGCACACCCAATCGGTGTT
TAGTGAGGTCTAGTCGTCTAGTAGATGCTGAGGTTGCTGTGGCTCCTGCAAGAGA
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