

IDENTIFICATION

Species: *Oryza sativa* Kitaake

Locus: OsKitaake03g196100

Gene Model: OsKitaake03g196100.1.p

Description: OskEXPA-17

Family: Alpha Expansin

3D structure:



GENOME DATABASES

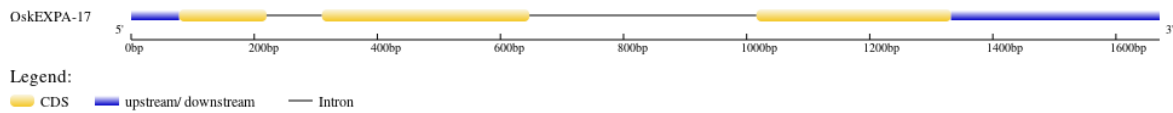
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

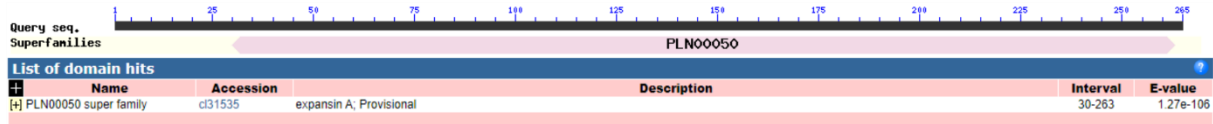
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXPA-17

MAPPSLPILLVLLSLSSSLSSSSAAAAGRWTDAAHATFYGGADASGTMGGACGYGNTY
GQGYGTDTAALSAVMFGDGLSCGACFELRCGGGGGGDRRGCLPPAAGKSIVVTATD
LCPANHALPGDRGGWCNPLHHFDLSQPAFLRIARFQSGIVPVS YRRVACRRKGGMR
FTINGHSYFNLVLVSNVGGAGDVHAVAVKAGGGRKARWQAMARNWGQNWQSGA
LLDGQALSFTVTTGDRRSVVSYNVAPAGWAFGQTFTRQFT*

CDS (coding sequence)

>OskEXPA-17

ATGGCGCCGCGTCGCTACCGATTCTCCTCGTCTTGCTCTCGCTGTCGTCGTCGCT
GTCCTCCTCCTCGGCGGCGGCGGCCGCGCTGGACCGACGCCACGCCACCTTC
TACGGCGGCGCCGACGCCTCCGGCACCATGGGTGGCGCGTGCGGGTACGGGAAC
ACGTACGGGCAGGGGTACGGCACGGACACGGCGGGCGCTGAGCGCGGTGATGTTC
GGGACGGGCTGAGCTGCGGCGCCTGCTTCGAGCTGCGGTGCGGCGGCGGCGGC
GGCGGCGACCGGCGGGGGTGCCTGCCGCGGCGGCCGCAAGTCCATCGTGGTG
ACGGCCACCGACCTGTGCCCGGCCAACCACGCGTCCCCGGCGACCGCGGCGGCT
GGTGCAACCCGCCGCTCCACCCTTCGACCTCTCCCAGCCCGCCTTCCTCCGCATC
GCCCGCTTCCAGTCCGGCATCGTCCCCGTCTCCTACCGCCGGGTGGCGTGCCGGA
GGAAGGGAGGGATGAGGTTCAACATCAACGGGCACTCCTACTTCAACCTGGTGCT
GGTGAGCAACGTGGGCGGCGCCGGCGACGTGCACGCGGTGGCGGTGAAGGCCGG
CGGGGAAGGAAGGCGCGGTGGCAGGCCATGGCGAGGAAGTGGGGCCAGAAGT
GGCAGAGCGGCGCGCTGCTCGACGGGCAGGCGCTGTCGTTACGGTGACCACCG
GCGACCGCCGATCCGTGTCGTGTCGTACAACGTCGCGCCGGCGGGATGGGCGTTCGG
CCAGACCTTCACCGGACGCCAGTTCACCTGA

Nucleotide

>OskEXPA-17

GATCGATGTGTCGAAGTGGACAAGCTGCTTAATAATCAGCTTTCCCTTTTCGCTTG
CGCACGTACGTACGATACGACAATGGCGCCGCGCTCGCTACCGATTCTCCTCGTC
TTGCTCTCGCTGTCGTGTCGTGTCCTCCTCCTCGGCGGCGGCGGCGGCGGCTG
GACCGACGCCACGCCACCTTCTACGGCGGCGCCGACGCCTCCGGCACCATGGGT
ACGTAACCAATGCACGCCGATACATATACATCTATCTCAGCTCAGAATTGATCGA

AGTGGCGGCAATGGCGCCGCGGTTGTGTGCAGGTGGCGCGTGCGGGTACGGGA
ACACGTACGGGCAGGGGTACGGCACGGACACGGCGGCGCTGAGCGCGGTGATGT
TCGGGGACGGGCTGAGCTGCGGCGCCTGCTTCGAGCTGCGGTGCGGCGGGCG
GCGGCGGCGACCGGCGGGGGTGCCTGCCGCGGGCGGCCGGCAAGTCCATCGTGG
TGACGGCCACCGACCTGTGCCCGGCAACCACGCGCTCCCCGGCGACCGCGGCG
GCTGGTGAACCCGCCGCTCCACCCTTCGACCTCTCCCAGCCCGCCTTCCTCCG
ATCGCCCGCTTCCAGTCCGGCATCGTCCCCGTCTCCTACCGCCGGTCAGCAACCG
CCGCCGCCGCGCATCGATTGATCAACTCGTCGTAAGCTGATAATTAATCCGCCA
TTGATTTACCCGTCTTGTTTAGCTCCCAAATAAAAAATTAATATAGAAAAAA
CAATTATGTGTAATGACGAGATGAATTTTTTAAGCCTAATTACGTCATGATTTAA
CAATATGGTGCTATAATAAACATTTACTAATGATAGATTAATTAGGCTTAATTAA
TAAATTCGTCTCGCAGATTCGTAGCGGAATCTGTAATTTATTTTGTATTATACTT
CAAATGTGTGTCCGTATATTCTATGTGACATGTTAAAACAAAATTTTTCGCTGACT
AAACAAGGTCTAAATGTGTGTGTAGGGTGGCGTGCCGGAGGAAGGGAGGGATGA
GGTTCACCATCAACGGGCACTCCTACTTCAACCTGGTGCTGGTGAGCAACGTGGG
CGGCGCCGGCGACGTGCACGCGGTGGCGGTGAAGGCCGGCGGGGGAAGGAAGG
CGCGGTGGCAGGCCATGGCGAGGAAGTGGGGCCAGAAGTGGCAGAGCGGCGCGC
TGCTCGACGGGCAGGCGCTGTCGTTACGGTGACCACCGGCGACCGCCGATCCGT
CGTGTTCGTACAACGTCGCGCCGGCGGGATGGGCGTTCGGCCAGACCTTCACCGGA
CGCCAGTTCACCTGAGAAGATCGATGAGATGACTCGTACGTATAGTAGCGGCCT
AGAACGATGATGTATGTTGTCCATTGATAGGTCGGATAAAAAAAACAAGATTTTCG
AGGAAGAGACATCCCTTAAACTTCAGATTGAAATCGCATAACCCCTTGCCACTTAT
CGCATAACCCCTTGCCACTTATTAAGTGGATCTCCATCGATCGATCAATCATTAGGT
TCGATTGACACGTAGGAATTCCACTGTATTGCAATAGTATGTTGTTAGTAGTGCG
ATGGATGTAATATGTGAAACTGACGTAATCCAGACAACACTAATGTAATATATTC
CCCGTCTTAAATTAGTTGTCTTA