

IDENTIFICATION

Species: *Oryza sativa* Kitaake

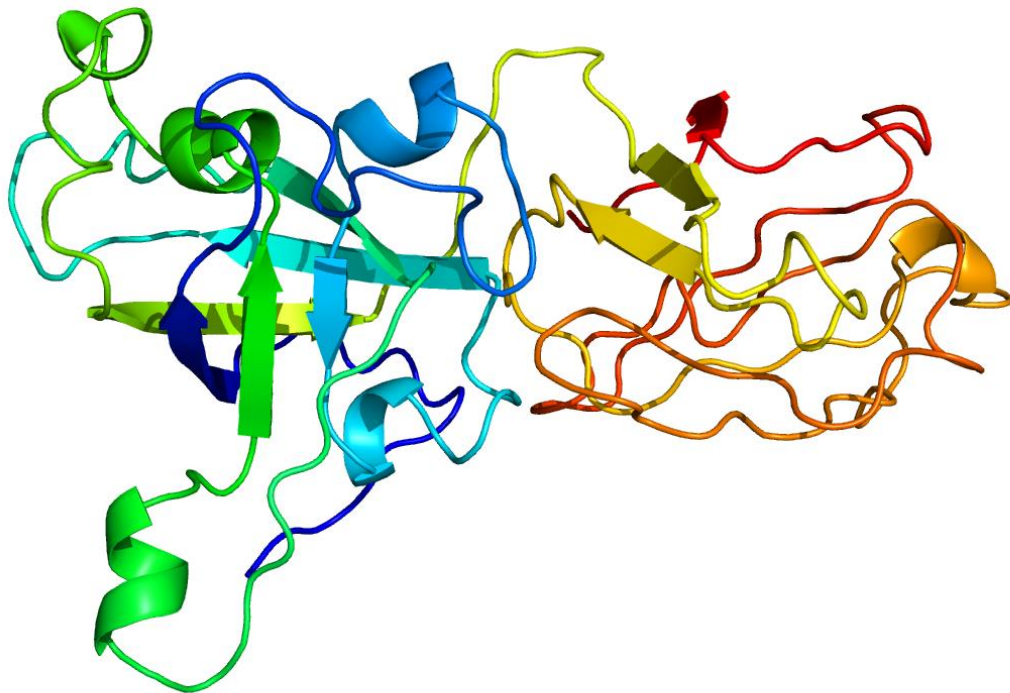
Locus: OsKitaake06g288900

Gene Model: OsKitaake06g288900.1.p

Description: OskEXLA-03

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

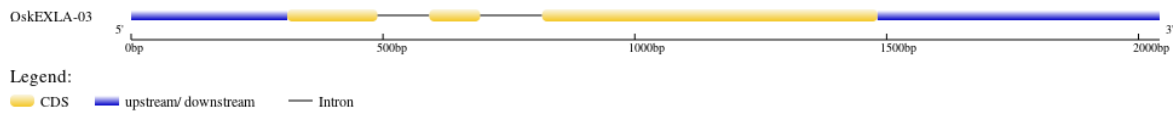
Phytozome: https://phytozome-next.jgi.doe.gov/info/OsativaKitaake_v3_1

KEGG:-

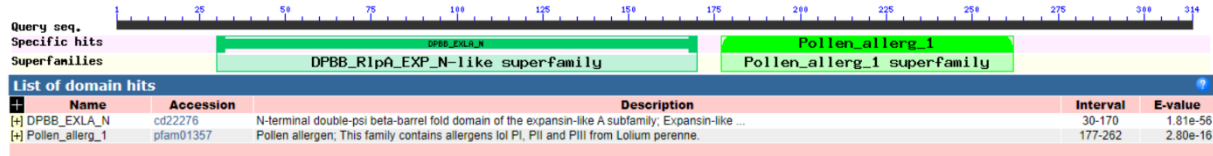
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OskEXLA-03

MDDNGDVHFCHRATAVVALLLLHLVAVANAAHSCDWCTPRHSTVSILPTPTAAH
 LTGGACGFGAAPMELNVA AVTADLFRHGHACGACYQLRCRDRRLCGEDGVKVVV
 ADMAKQPEQEGEMNRTAGGSLQFRITEDAFAAMAKQGVSAHELTRQRTLEVD
 FRRIPCEYRESRRLAVRVEEASRNPHLAIRFLYQGGQTDIAAVEIAQANATPPSSSYSSW
 RYMTRRDGAPGVWTTSRAPVGPLRLRVVVTAGSGGKWLRS DGEVLPADWRPGEVY
 DTGLRVTDVA VRSCSLSCAIQDMDSDDGEEEEELR*

CDS (coding sequence)

>OskEXLA-03

ATGGACGACAACGGCGACGTCCATTTCTGCCACAGAGCCACCGCCGTCGTGGCGC
 TGCTTCTTCTCCACCTTGTCGTCGTCGCCAACGCCGCCGCCCCTCCTGCGATTGG
 TGCACCCCGCGCCACTCCACCGTCTCCATCCTCCCCACCCACGCACGCCGCC
 ATCTCACCGGTGGCGCCTGCGGGTTCGGTGCCGCACCAATGGAGCTCAACGTTGC
 CGCCGTCACCGCCGACCTCTTCCGCCATGGCCATGCCTGCGGGCGCTGCTACCAG
 TTAAGGTGCAGAGACCGGAGACTGTGCGGGGAGGACGGCGTCAAGGTCGTCGTC
 GCCGACATGGCGAAGCAGCCGGAGCAGGAGGGGGAGATGAACCGGACAGCCGG
 CGGCTCGCTGCAGTTTCGCATCACCGAGGACGCCTTCGCGGCCATGGCCAAGCAG
 GGCGTCTCCGCTCACGAGCTCACGAGGCAGCGCACGCTAGAGGTGGACTTCAGG
 AGGATACCTTGCAGTACAGGGAGAGCAGGAGGTTGGCGGTGAGGGTGGAGGAG
 GCGAGCAGGAACCCGACCCACCTCGCCATCCGCTTCTGTACCAGGGCGGCCAGA
 CCGACATCGCCGCCGTTGAGATCGCGCAGGCCGAACGCTACACCGCCGTCGTCGTC
 GTACTATTCGTCGTTGAGGTACATGACGCGGCGCGACGGCGCGCCGGGAGTCTG
 GACGACGTCGCGCGCGCCGGTTCGGCCGCTGCGGCTCCGCGTCGTGGTGACGGCC
 GGCTCCGGCGGGAAATGGCTGCGTAGCGACGGTGAGGTGCTTCCCGCCGACTGG
 AGGCCCGGCGAGGTGTACGACACCGGCCTTCGGGTCACCGACGTCGCCGTGCGCT
 CGTGCAGCCTCTCCTGTGCCATCCAGGACATGGACAGCGATGATGGAGAGGAGG
 AAGAGCTCAGATGA

Nucleotide

>OskEXLA-03

GGAGATCACGGGCAGCTTTAAGCTATACTACTAATATATGAGTAATTAACCACAT
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CTCTCACCATCCATTTCTCAAGCTCTCGATCTCCACCTCGCATTTGCCTCTTCGATA
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CATGGCCATGCCTGCGGCGCCTGCTACCAGGTAGTTAACCTACTCTGCTTTTCTTT
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ATTGATTGGTCCT