

Download Rice Biology In The Genomics Era

The CSHL Genomics Program includes faculty working across disciplines and research areas. Their main interests are genomic organization, structural variation of the human genome as related to disease, computational genomics, small RNA biology, transcriptional modeling, and sequencing technology. Kenneth McNally, International Rice Research Institute, T.T. Chang Genetic Resources Center, Faculty Member. Studies Genebank, Plant Molecular Biology, and ...Comparative genomics is a field of biological research in which the genomic features of different organisms are compared. The genomic features may include the DNA sequence, genes, gene order, regulatory sequences, and other genomic structural landmarks. In this branch of genomics, whole or large parts of genomes resulting from genome projects are compared to study basic biological similarities ...Rice, a monocot, is normally grown as an annual plant, although in tropical areas it can survive as a perennial and can produce a ratoon crop for up to 30 years. Rice cultivation is well-suited to countries and regions with low labor costs and high rainfall, as it is labor-intensive to cultivate and requires ample water. - Rice Biology In The Genomics Era