

Download Gene Pool Diversity And Crop Improvement

Genome editing, or genome engineering, is a type of genetic engineering in which DNA is inserted, deleted, modified or replaced in the genome of a living organism. The McCouch Lab investigates natural variation in the genus *Oryza*, focusing on how it evolved, how it is distributed in both domesticated and wild *Oryza* species, how it conditions complex phenotypes and how it can be efficiently utilized in rice improvement. A crop wild relative (CWR) is a wild plant closely related to a domesticated plant, whose geographic origins can be traced to regions known as Vavilov Centers (named for the pioneering botanist Nikolai Vavilov). Till late in the 20th century, biological diversity has been understood and addressed in terms of “genetic resources”. This paper proposes a history of this “genetic resources” concept and the biopolitical practices it was related to., Gene Pool Diversity And Crop Improvement.

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