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Exploration and Application of Useful Agricultural Genes

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Message from the Collection Editor

Dear Colleagues,

In the past decades, many studies on the search and use of agricultural useful genes have been actively conducted in various crops. As a result, researchers have found many useful genes involved in the desired agronomic traits through methods such as QTL mapping, genome-wide association study (GWAS), and transcriptome analysis. In addition, various types of molecular markers have been developed for practical use of the identified genes.

This Topical Collection welcomes original research papers as well as review articles related to recent molecular breeding studies involving identification of agronomically useful genes or QTL, development of molecular markers tightly linked to agronomic traits, and application of molecular markers in crop improvement.

Prof. Dr. Tae-Hwan Jun
Collection Editor



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Topical Collection



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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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