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Assembly and Phasing of Complex Genomes in Plant

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closed (20 December 2022)

Message from the Guest Editors

Dear Colleagues,

The journal *Plants* is going to publish a Special Issue of “Assembly and phasing of complex genomes in Plant”. Most genome sequencing projects have released mosaic assemblies with a mix of alleles from different parents. Nevertheless, genomes of organisms are phased in the nucleus, and traditional assembly strategies fail to take into account allelic variation, which is crucial and leads to phenotypic outcomes. Plant genome studies have shown the importance of haplotype-resolved genome assembly for tackling complex biological questions including mechanisms of genome evolution, heterosis, and phenotypic variation. We intend to cover a wide range of haplotype-resolved genome assemblies in this special issue. This special issue will also highlight new technologies or methods in this area.

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Guest Editors



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Special issue



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Message from the Editor-in-Chief

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