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Plant Bioinformatics: Applications and Databases

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Message from the Guest Editors

With the increase in large-scale omics data, the big data era for plant molecular biology has already begun. However, the utilization of such omics data is limited, and data mining is still a challenge for plant biologists who have limited experiences in bioinformatics. Thus, it is critical to establish the applications, local or online, and databases for plant biologists to increase data mining efficiency from big omics data. Although many plant databases and web applications have been established in recent years, they are still limited in number and usually not updated regularly, compared to databases and applications for humans and animals. Further, with the development of artificial intelligence (AI), AI techniques such as machine learning have been applied in bioinformatics predictions in plants.



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Message from the Editor-in-Chief

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