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Application of GeoChip to bioremediation studies

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Sommario/riassunto

Microorganisms are the most diverse group of organisms and play important and distinctive roles in their ecosystems. They interact with their peers and other organisms (e.g., plants, animals) to form a complicated food web, significantly impacting ecosystem functions and services. However, understanding the diversity, composition, structure, function, activity, and dynamics of microbial communities remains challenging. Over the past decade, microarray-based technologies have been developed to address such challenges. This book is focused on current microarray technologies and their application

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