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Nucleic acid purification from plant tissues for viral detection

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The diverse range of plant species and tissue types found in nature present a unique set of obstacles for nucleic acid isolation from botanical samples. In addition, the carry-over of substances present in certain plants can interfere with quantitation and downstream amplifications. These difficulties highlight the need for robust, reliable chemistries for molecular biology studies with plants. We present several solutions to purify and amplify nucleic acid from a variety of plant types and tissues with a focus on agriculturally relevant applications.

Biography

Eric Ting present work in promega corporation, Singapore

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