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Detection of the patulin-producing potential of some *Paecilomyces variotii* strains isolated from the air samples of Jeddah City, Saudi Arabia, using the RAPD-PCR technique

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Abstract

Random amplified polymorphic DNA polymerase chain reaction (RAPD-PCR) analysis was used to detect the patulin-producing potential among seven different strains of *Paecilomyces variotii* isolated from air samples collected in Jeddah City, Saudi Arabia. Using five different primers, the strains showed some similarities and distinct RAPD patterns. A correlation between isolation source and clustering was noted in the constructed dendrogram. Patulin-producing strains showed identical RAPD patterns. Primer M13 produced a distinct fragment with toxin-producing strains. © 2009 Springer Science+Business Media B.V.

Author Keywords

Airspora; Dendrogram; Mycotoxins; Random primer

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