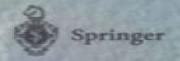
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Rapid Cycle Real-Time PCR

Methods and Applications



Microbiology and Food Analysis



Rapid Cycle Real Time Pcrmethods And Applications

S. Meuer, C. Wittwer, K. Nakagawara

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Grando,2010-10-19 Grapevine is a crop of major economical interest and wine represents a multicultural heritage which has been growing since several milleniums Yet modern viticulture must face several challenges Global climate has increased berry sugar content and alcohol in the wine whereas phenolic and aromatic ripeness are not always achieved Water supply is becoming shorter New varieties better adapted to new climatic conditions might have to be planted which may affect wine typicity Phytochemical treatments are more controlled and the consumer pays increasing attention to environmentally safe practices New methods reducing pesticide use but maintaining yield and typicity must be designed The present book illustrates the recent progress made in ecophysiology molecular and cell biology and pathology of grapevine as well as in precision viticulture and berry composition Combination of these new tools with field observations will undoubtly make it easier to face the challenges described above These multidisciplinary contributions will be of interest to anyone involved in grapevine and wine activities Microbial Food Safety and Preservation Techniques V Ravishankar Rai, Jamuna A. Bai, 2014-09-26 In recent years rapid strides have been made in the fields of microbiological aspects of food safety and quality predictive microbiology and microbial risk assessment microbiological aspects of food preservation and novel preservation techniques Written by the experts and pioneers involved in many of these advances Microbial Food Safety and P

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ensure its optimal use in a laboratory environment This includes the setting up of a PCR laboratory Good Laboratory Practice and standardised of PCR protocols <u>Genetically Engineered Food</u> Knut J. Heller,2006-03-06 Clarifying the unsolved aspects of labeling novel foods this book presents the methods limitations and future perspectives for genetic engineering Following an overview of recent techniques and applications in plants animals and microorganisms a second section written by expert lawyers covers the legal issues of genetically engineered food and labeling The whole is rounded off with methods and strategies for detecting genetic manipulation in food Indispensable for industry and laboratories working in food production

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