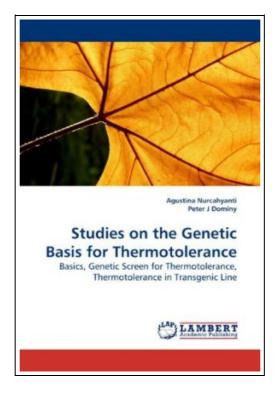
Studies on the Genetic Basis for Thermotolerance



Filesize: 9.45 MB

Reviews

It is simple in study safer to understand. It can be full of knowledge and wisdom Your way of life span is going to be enhance when you full looking at this book.

(Lavina Torp)

STUDIES ON THE GENETIC BASIS FOR THERMOTOLERANCE



Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Basics, Genetic Screen for Thermotolerance, Thermotolerance in Transgenic Line | Vast tracts of land are available for arable food production which is especially located in arid regions. For crops they will need to show improved drought tolerance and thermotolerance. There are two approaches were used to identify the genetic basis for improved thermotolerance. In one set of approaches a gain-of-function heat stress screen was performed on a collection of Activation Tagged lines. Three mutants have been isolated; in subsequent generations one of the lines developed a hypersensitive phenotype, another reverted to wild type, whilst the third retained its thermotolererant phenotype. In the other set of approaches transgenic lines carrying a construct designed to constitutively express a MYB transcription factor were characterized. This MYB has been shown to confer salinity tolerance. Quantitative PCR demonstrated the expression of some response genes in the transgenic lines. These transgenic lines were shown to have an improved thermotolerance. This studies should provide strong preliminary pictures on the genetic engineering for thermotolerance and should be especially useful to research and academic player in plant science field. | Format: Paperback | Language/Sprache: english | 128 pp.



Read Studies on the Genetic Basis for Thermotolerance Online Download PDF Studies on the Genetic Basis for Thermotolerance

Relevant Kindle Books



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book
***** Print on Demand ******. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

Download eBook

>>



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you...

Download eBook

»



Would It Kill You to Stop Doing That?

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years...

Download eBook

»



Violet Rose and the Surprise Party

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a...

Download eBook

»



Reflections From the Powder Room on the Love Dare: A Topical Discussion by Women from Different Walks of Life

Destiny Image. Book Condition: New. 0768430593 BRAND NEW!! MULTIPLE COPIES AVAILABLE. NEW CONDITION!! 100% MONEY BACK GUARANTEE!! BUY WITH CONFIDENCE! WE SHIP DAILY!!EXPEDITED SHIPPING AVAILABLE. What's more fun than reading a book? Discussing it with...

Download eBook

»