



DOWNLOAD



Secondary growth in the Arabidopsis hypocotyl

By Widi Sunaryo

Cuvillier Verlag Dez 2010, 2010. Buch. Book Condition: Neu. 216x146x4 mm. Neuware - Secondary growth results from cell division and differentiation in the vascular cambium and gives rise to secondary xylem and phloem. Xylem of trees, commonly referred to as wood, is an important carbon source used for woody materials and industrial purposes such as timber, pulp, furniture, fibers, and also as a energy source. Although abundant data has been collected to address the genetic control of cambial activity and differentiation, the mechanism behind is still little known. The Arabidopsis hypocotyl has previously been shown to be a suitable model for secondary growth and xylem differentiation similar as it occurs in angiosperm trees. Plant development requires a tightly controlled balance between undifferentiated dividing cells and cells, which are subjected to undergo differentiation. In the shoot apical meristem of Arabidopsis, this process is governed by a complex signaling network involving several classes of transcription factors, which are often expressed in highly distinct patterns. Key-players of differentiation control are the KNOX genes (Knotted-1 like genes; e.g. KNAT1, KNAT2, STM), which comprise a small gene family with eight members in Arabidopsis thaliana. This project was aimed to investigate the role of KNOX genes...



READ ONLINE
[6.07 MB]

Reviews

Certainly, this is actually the greatest work by any article writer. It is definitely simplistic but surprises within the 50 % from the publication. Your daily life span will likely be transform the instant you total reading this article pdf.

-- **Myrtle Glover PhD**

Absolutely one of the best ebook We have at any time read. This really is for all those who statte there had not been a really worth reading through. I realized this publication from my i and dad advised this ebook to learn.

-- **Dixie Volkman DVM**

See Also



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Pearson, United States, 2015. Loose-leaf. Book Condition: New. 10th. 249 x 201 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for...



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original...



Fart Book African Bean Fart Adventures in the Jungle: Short Stories with Moral

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Black White Illustration Version! BONUS - Includes FREE Dog Fart Audio Book for Kids Inside! For a very time limited...



Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Pearson, United States, 2015. Book. Book Condition: New. 10th. 250 x 189 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for...