



Plant Genes, Genomes and Genetics (Paperback)

By Erich Grotewold, Elizabeth A. Kellogg, Joseph Chappell

John Wiley and Sons Ltd, United Kingdom, 2015. Paperback. Book Condition: New. 1. Auflage. 244 x 188 mm. Language: English . Brand New Book. Plant Genes, Genomes and Genetics provides a comprehensive treatment of all aspects of plant gene expression. Unique in explaining the subject from a plant perspective, it highlights the importance of key processes, many first discovered in plants, that impact how plants develop and interact with the environment. This text covers topics ranging from plant genome structure and the key control points in how genes are expressed, to the mechanisms by which proteins are generated and how their activities are controlled and altered by posttranslational modifications. Written by a highly respected team of specialists in plant biology with extensive experience in teaching at undergraduate and graduate level, this textbook will be invaluable for students and instructors alike. Plant Genes, Genomes and Genetics also includes: specific examples that highlight when and how plants operate differently from other organisms; special sections that provide in-depth discussions of particular issues; end-of-chapter problems to help students recapitulate the main concepts; rich, full-colour illustrations and diagrams clearly showing important processes in plant gene expression; a companion website with PowerPoint slides, downloadable figures, and...



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