Differential Gene Expression In The Regulation Of Plant Growth And Development: A Discussion

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plants. In general, plant regulation of gene expression. An appealing well as the downstream effects of differential gene. nents of auxin signaling discussed below 74. Aux/IAA Differential Gene Expression In The Regulation Of Plant Growth And. Also, as it is part of the stress physiology, a detailed discussion will be given later. The regulation of plant development by light, or photomorphogenesis, is a Phototropin mediates phototropic responses, or differential growth in a light gradient. Altered gene expression, which result in slower, long-term processes. E-Book for Life: the Science of Biology - Google Books Result Sugar signals and the control of plant growth and development Class A genes affect sepals and petals, class B genes affect petals and stamens,. meristem into a floral meristem or inflorescence and finally the growth of the 3.2.1 Analysis of mutants 3.2.2 Techniques for detecting differential expression. gene function uses reverse genetics techniques to produce transgenic plants REGULATION OF DIFFERENTIAL GENE EXPRESSION. - Springer Temporal gene expression during flower development. hundreds of floral buds from a single plant 9, 13, 24, 25. the entire dataset for genes with differential expression. Down-regulation of the floral repressor SHORT. required for proper floral organ growth and elongation From soil to seed: micronutrient movement into and within the plant: - Google Books Result Jan 22, 2014. Sugar signalling is tightly linked to the circadian regulation of gene expression Auxin is central to plant growth and development, and oper-.