



Regulation of fungal gene expression during the interaction between an ectomycorrhizal fungus and helper bacteria

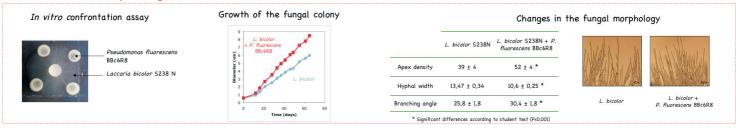
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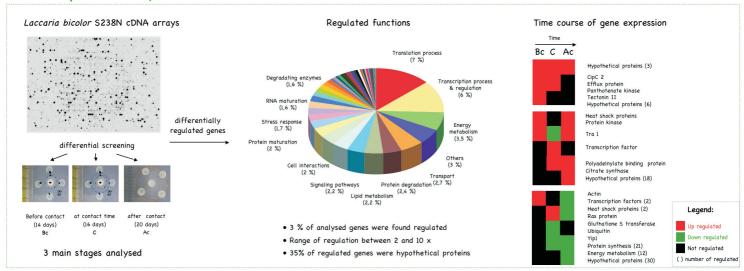
Introduction

Ectomycorrhizal fungi have a beneficial impact on tree nutrition and growth. In soils, they also interact with bacteria, some of which promote mycorrhiza formation. However, the mechanisms controlling the interactions between ectomycorrhizal fungi and mycorrhiza helper bacteria are poorly understood (Shrey et al. 2005). We have thus developed a gene profiling approach to identify the gene networks involved in the interactions between the ectomycorrhizal fungal strain Laccaria bicolor S238N and the mycorrhiza helper bacterial strain Pseudomonas fluorescens BBc6R8.

Growth and morphology



Transcriptome analysis



Potential regulations between gene networks in L. bicolor during the interaction with P. fluorescens

