

SPINE: A method for the rapid detection and analysis of protein-protein interactions in vivo

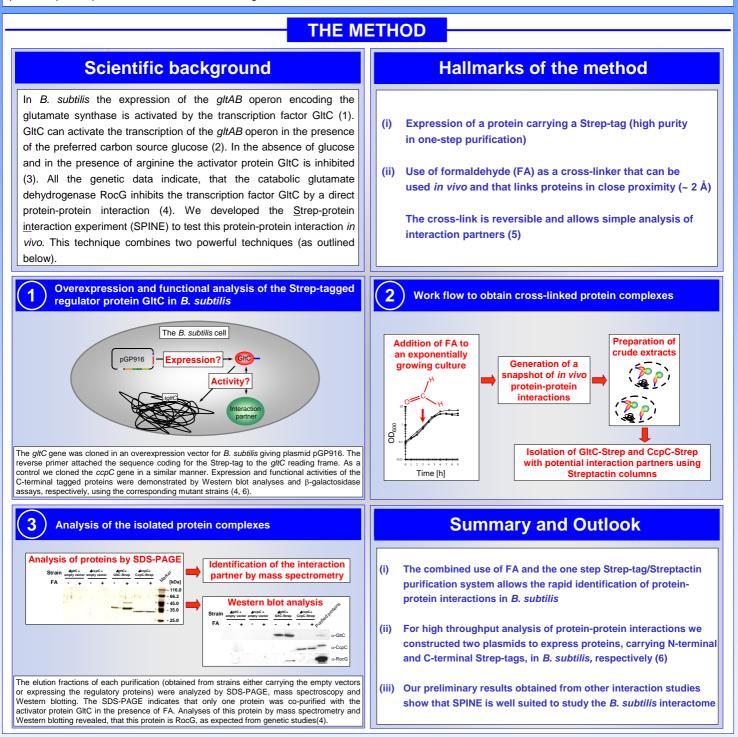


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INTRODUCTION

Protein-protein interactions are among the few essentials that make up life. Therefore, their analysis is of prime importance to understand what's going on in living cells. The available methods allow their study in vitro (immunoprecipitation, affinity chromatography) or in vivo (two-hybrid systems, crosslinks). However, most of these methods do not easily distinguish the relevant interactions from those that are non-specific. Moreover, many of the potential interactions did so far escape detection. With the transition of B. subtilis research from genomics to systems biology the elucidation of the full picture of protein-protein interctions is even more urgent.



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