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Author Peter Lind		
Title (English) Genome reduction in <i>Salmonella enterica</i> by selection of loss of mini-transposon Tn10dTetKan		
Title (Swedish)		
Abstract <p>By experimentally evolving a reduced genome, knowledge about which genes are needed in a minimal genome and which mechanisms are involved in gene loss can be gained. A bacterium with a considerably reduced genome can be used for gene gain studies, as a less complex model organism and as a starting point in biotechnological applications. In this project a mini-Tn10 with two resistance markers is used to introduce large deletions in <i>Salmonella enterica</i>. Seventeen candidate deletions were found in two different chromosomal locations.</p>		
Keywords <i>Salmonella enterica</i> , minimal gene set, genome reduction, deletion mutant		
Supervisors Dan Andersson & Sanna Koskiniemi Department of Medical Biochemistry and Microbiology, Uppsala University		
Scientific reviewer Linus Sandegren Department of Medical Biochemistry and Microbiology, Uppsala University		
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Biology Education Centre Box 592 S-75124 Uppsala	Biomedical Center Tel +46 (0)18 4710000	Husargatan 3 Uppsala Fax +46 (0)18 555217