Transformation of MtrCAB and CysDes

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Introduction

Transformation of plasmid pSB1C3 containing MtrACB and CysDes to top10 *E.coil* strain.

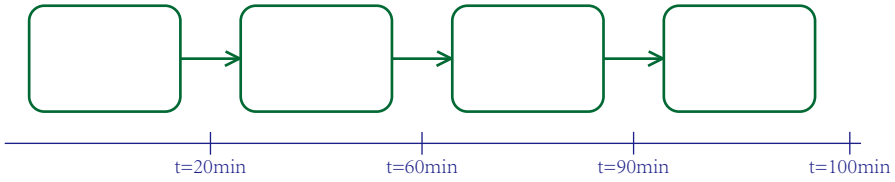
由用户输入的一段描述性文字，介绍实验内容/目的。

Materials and equipment

由 Experiment Procedure 中每个小实验的标签自动生成的列表，包含实验所需耗材和仪器

Outline

由 basic experiment 自动生成的流程图，包含时间



Result

由用户输入的实验结果，需要添加图片/表格/附件功能

Experiment Procedure

		Notes
1	Take the competent bacteria from refrigerator and incubate them into ice about 5 mins until it is dissolved	
2	Absorb 1 to 2 uL plasmid and mix it with bacteria solution thoroughly.	DO NOT add more than 5% volumn of bacteria solution operate this step tenderly!
3	Put the tubes on the ice about 30 mins.	(Time SHOULD BE ACCURATE)
4	Make a heat shock at 42 degree centigrade about 60 sec	(Time SHOULD BE ACCURATE)
5	Put the tubes on the ice about 2 to 3 mins again.	
6	Add 900 ul LB medium into EP tubes and cultivate the bacteria at 37 degree centrigrade about 40 to 60 min.	
7	Centrifuge them at 4,000 rpm about 2 min and we will see sediment in the tubes.	TIME COST about 1h
8	Discard the supernatant liquid and leave 220 ul medium.	
9	Coat plate: add 200 ul solution in a large plate while add 20 ul solution in a small plate.	But we only have one flat plate (PET22 in AP plate) grows better. We can't get single colony in other plates. May be the heat-shock time we used isn't probable.
10	Cultivate these bacteria overnight for further use.	

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如：用户输入的关键参数用红色标出，用户添加的注释用绿色，系统注释用蓝色