

Lab Notebook Entry 49

Date Performed

6/5/17

Procedure

Pick new colonies and make new 8mL starter cultures of pThermolyse backbone

Details

Purpose: Grow up larger liquid cultures of the bacteria that contain our new pThermolyse plasmid so that we can miniprep to extract the DNA Materials: LB media with ampicilin, plate from gibson assembly with pThermolyse colonies from previous step, 14mL plastic tubes with a blue snap cap, stereological pipet

Protocol

USE STERILE TECHNIQUE! Do all of this in triplicate, assuming there are 3 or more colonies. In a 14mL plastic tube with a blue cap, use the serological pipet to add 10mL of LB with ampicilin. Then take a pipet tip (using a pipet, not your hands) and poke one of the colonies on the plate from the last step. Try to get only a single colony. eject the pipet tip into the 14mL tube. Label it "pThermolyse backbone" and your name and the date. Then put it in the hot water bath at 37C, shaking ~200 rpm. Leave that overnight.