

# Lab Notebook Entry 32

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## Date Performed

## Procedure

pick colonies and start 5ml culture 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 "falcon" tubes with a snap cap, stereological pipet

## Protocol

USE STERILE TECHNIQUE! Do all of this in triplicate. In a 14mL glass tube with a colored cap, use the serological pipet to add 5mL 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 on the shaking incubator at 37C, shaking ~200 rpm. Leave that overnight. DO NOT MISTAKE THE LARGE CENTRIFUGE FOR THE SHAKING INCUBATOR. INCUBATOR HAS A CLEAR PLASTIC LID AND DOES NOT HAVE A ROTOR INSIDE. IT SHAKES LIKE AN EARTHQUAKE, IT DOES NOT SPIN.