

Wednesday, May 3, 2017

- Grow starter culture of pTlpA36-wasabi
- Purpose: AddGene ships us the plasmid already in a small amount of bacteria, we have to grow up those bacteria to have enough to use. Materials: LB media with ampicilin (in the fume hood labeled LB+amp, keep closed as much as possible), plate with pTlpA36-wasabi colonies from previous step (should be in the incubator in the back left corner of the room), 14mL snap cap plastic tube (on main bench in bag that says "falcon"), stereological pipet (you need to ask dennis for one that can hold 5mL. if no one is in dennis' office I'll tell you where they are in the store room)
- USE STERILE TECHNIQUE! Do all of this in triplicate. In a 14mL falcon tube with a snap 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 "AddGene pTlpA36-wasabi" and your name and the date. Then put it on the shaking incubator at 37C, shaking ~200 rpm. Leave that overnight.
- Location of objects: 3 falcon tubes with 1 colony and 5mL LB+amp each: in water bath shaker. labelled as "AddGene pTlpA-36 wasabi". located on window side of room. LB+amp in fume hood. Plate with pTlpA36-wasabi placed back into incubator.