10/09/2017

Monday, October 9, 2017 1:37 PM

Salma
Made transformation of Gibson products into DH5a

- 40 uL DH5a competent cells (from 8/16 box)
- 5 uL plasmid + insert
- 125 CaCl2
- 40 dI water

Qingxi:

Plating LC1539 and 1853 transformants (To be started around 3:05 pm)

1. Turn on the gas and start the Bunsen burner with the striker, this will create sterile air to ensure the plates don't get contaminated.
2. Take the products off of the shaker (make sure it's 3:05pm or later): The two centrifuge tubes will be incubating in a glass flask which is on the shaker.
3. Remove the small 1mL centrifuge tubes from the large glass flask. One tube should be labeled "1853" and the other "1539", there should be plates with corresponding labels set out
4. Using the test tube w/ the red cap labeled "beads" pour ~10 beads onto each agar plate
5. Making sure to work near the Bunsen burner flame and using the 20-200uL pipette:
    - Pipet 100uL of 1853 onto the 1853 agar plate (blue line on side)
    - Pipet 100uL of 1539 onto the 1539 agar plate (black line on side)
6. Shake both plates, moving the beads around to ensure the liquid is evenly distributed across each plate
7. Tilt the plate sideways to gather the beads and empty the beads into the funnel. The funnel is sitting on top of a small glass flask full of beads and bleach
8. Once the beads are removed, put both plates on the rack in the warm room