8/8/17 (Someone Deleted)

Tuesday, October 24, 2017 11:14 PM

8/8/17

Tuesday, August 8, 2017

10:21 AM

Who's in lab: Salma, Martin, Nathan, Ana

To do:

- Test efficiency of comp cells
- Replate GA #1 on CAM+ IPTG
    - Miniprep then PCR
- If efficiency of comp cells good, transform GA 2 product into BL21

Gibson Assembly #1 product- preparing for sequencing

- Made 10mL LB + Cam overnight culture w/ products from GA#1 (BL21 w/ JOE + YCP)
- Replated GA 1 products from same plate

GA 2- check if Gibson Assembly attempt 2 worked

- Transformed Gibson Assembly products (YCP+JOE and JOE control) (from –20 freezer) into new BL21 comp cells
- 40uL BL21 DNA + 5 uL Gibson + 125 uL Calcium Chloride + 80 uL H2O
- Plated transformed products (JOE+YCP and positive control) on CAM+IPTG plates
    - Stored rest of transformed products in –20 freezer

Continued work on DH5a comp cells, results are put in a box labeled iGEM DH5a competent cells in the –80 freezer. Some of the cells are also located in a yellow rack in the –20C freezer. free

Tomorrow:

- Check competency of BL21 and DH5a
- Mini prep overnight culture of GA1 products in BL21 (LB+Cam) (on shaker)
- Check G.A. #2 growth