

6/16/17

Friday, June 16, 2017 10:01 AM

In lab: Nathan (9-) Ana (10-) Salma (9-)

Insert related

- Checked growth on our insert transformations, transformed Green and Yellow chromoprotein into DH5a
 - Saw no growth of Green+DH5a but saw one small colony of yellow protein+DH5a
- With our one colony of Yellow+DH5a we made a 10mL overnight culture (10mL LB + 15 uL Cam), put in 37°C on shaker (250 rpm)

Expression vector backbone related

- Used our overnight cultures made the day before to do a mini prep
- Mini prep
 - Spun down the 2 10mL cultures into 2 centrifuge tubes, spinning it down in ~1.2mL increments
 - Followed Mini prep procedure
 - For the last step, instead of eluting with EB we used 50 uL sterile water
- Once purified, we used nanodrop to get a concentration on our JOE DNA
 - 1: 35.9 ng/uL, ratio 1.71
 - 2: 33.2 ng/uL, ratio 1.62
- DNA samples put in freezer

Bacteria Samples we received for our project w/ Ligase and Exonuclease

- Saw some growth on the slabs, still have no idea what each of them are/what resistances they carry
- We put the slabs in the 4°C freezer on bottom shelf until we can figure out what they are
- 1853
- 1539