

# Summer 2022 Week 7

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MONDAY, 7/11/2022

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## What do we need to do?

- Sequence the NPTII gene detector
- Find a connector part plasmid
- Design new pathogen detector primers
- Make Tem-1 gene detector
- Make more ABR gene detectors
- Order more primers for the pathogen detector
- Insert GFP into one deletion

## AcrB Deletion Experiment

- Set Up a second MIC experiment
- Inoculate 3 overnight cultures of
  - ISX
  - E. Coli
  - AcrB del
- ~~Follow Up-~~
  - ~~Plate all three cultures~~
    - ~~3 Deletion plates~~
    - ~~2 ISX plates~~
    - ~~1 E. Coli Plate~~
- Make New Antibiotic stock

WEDNESDAY, 7/13/2022

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## AcrB Deletion Experiment

- Inoculate Colonies from yesterdays plates
  - 3 Deletion colonies
  - 2 ISX colonies
  - 1 E. Coli Colony
- Inoculated overnight cultures,
  - Follow Up-
    - Put 200 uL of each culture into the plate reader
- I either had a defective Amp stock or I had mass contamination

Good morning everyone, the iGEM team is in need of a type 5 connector BTK part. We wondering if anyone in the lab has