

# CASEU Genewix prep

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## Aim

Prepare the Sanger-sequencing ready sample to Genewiz

## Materials

- 20 uL normalized DNA 1.25 ng/uL in clean\_normalized\_PCR
- PCR plate 1
- 27F 5uM primer 0.5 mL
- 20uL tip box 1

## Procedures

- ☐ Label 1 PCR plates with the naming convention **T0 C P2 seq** and **T3 C P2 seq**.
- ☐ Make 500 uL 5uM 27F primer stock (25 uL 100 uM primer stock + 475 uL ddH2O).
- ☐ Add **5 uL** of each primer to the PCR plate seq.
- ☐ Add **10 uL** of normalized DNA to each well of the PCR plate seq.
- ☐ For <48 samples, Label tubes with tube ID from Genewiz online ordering system, which will have your initials and sample number. Write these codes on the sides of tubes. Note: For >48 samples, arrange the samples vertically (in columns).
- ☐ Store the PCR seq plates in a box. The final product is DNA with primer in a PCR plate for sequencing
- ☐ Drop off the box at Genewiz West Campus pickup location: ISTC room 366.