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Step A: Culturing

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Protocol status: In development
We are still developing and optimizing this protocol

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Abstract

Culturing step for bacterial genome resequencing project

1 Open the tracking form and verify you **also** have a copy of the batch tracking sheet printed out:
- **Step A tracking form**
- **Batch tracking sheet**

Preparation

2 Ensure agar plates are pre-poured

3 Pre-label the plates using only the numbers provided on the spreadsheet under heading 'Sample_Label' 5m

4 Get required glycerol stocks and keep on dry ice 20m

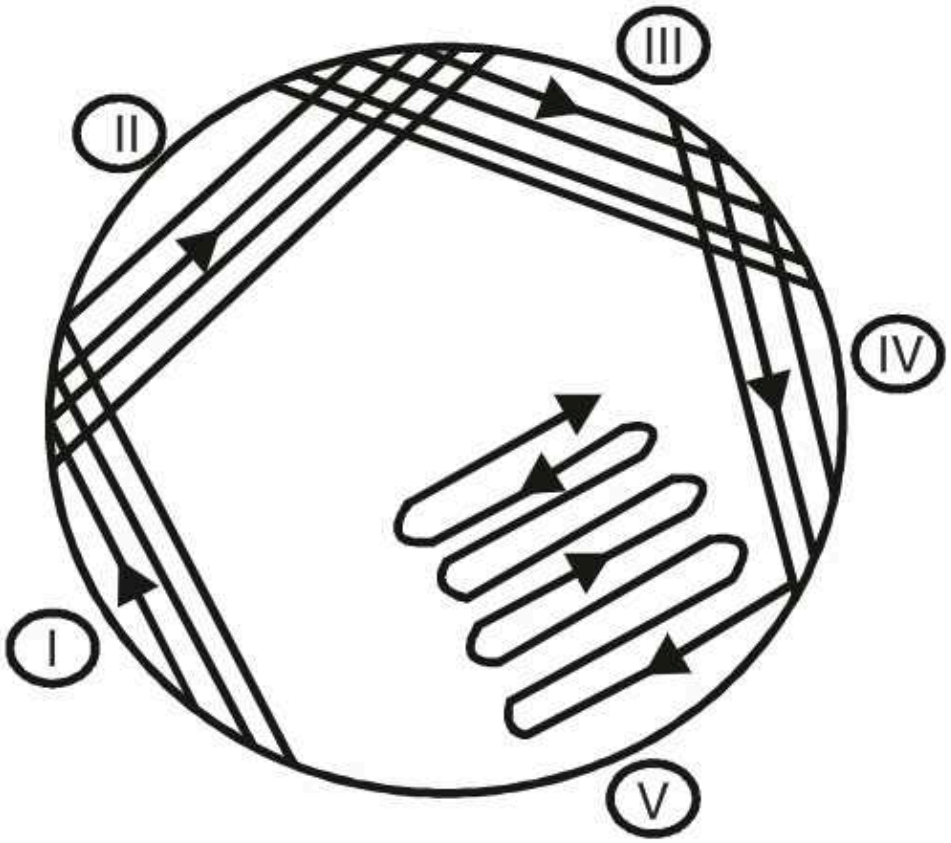
Creating streak plate 12h

5 Ensure to cross reference with spreadsheet before every inoculation

6 Create streak plate inoculum using inoculation loop from glycerol stock 15m

7 Replace inoculation loop (after step I in the below figure) and dilute across the plate

8



Streak plate method

Use 2 disposable loops, 1 for the initial step, then 1 for the remaining 4 steps

9 Incubate at 37°C overnight 12h

Creating LB broth overnight culture 12h

10 Pre-label tubes using numbers from spreadsheets 5m

11 Transfer 5 ml of LB broth into a universal tube 10m

12 Inoculate the LB broth with a single colony from the agar plate 15m

13 Grow at 37°C overnight at 180 rpm in a shaking incubator 12h

14 Place agar plates into fridge for storage