A

pick independent colonies

incubate 2h at 37°C

use cultures to inoculate 7 LB-filled wells (1:2.5 dilution)

incubate o/n at 37°C

use o/n cultures to inoculate:
- 6 wells with increasing $C_{\text{honey}}$
- 1 well with control

inoculate new microplate with transfer culture (O); $C_{\text{honey}}$ adjusted

repeat 22 times

determine transfer culture (O) with OD measurements

after 22d: plate transfer cultures (O) on honey-supplemented agar plates; isolate resistant colonies

B

pick independent colony

incubate 2h at 37°C

use culture to inoculate 54 LB-filled wells (1:10 dilution)

incubate o/n at 37°C

incubate 2h at 37°C

use cultures to inoculate 7 LB-filled wells (1:2.5 dilution)

incubate o/n at 37°C

plate cultures on honey-supplemented agar plates; isolate resistant colonies