

Electroporation of E. Coli

Prepare PCR tube with DNA you want to transform

Make it to 20 microliter with H₂O

Put it on Ice

Draw XL1 Blue (E. Coli) on ice

Add 20 microliter E. Coli to DNA mixture

Put cuvette on ice

Prepare 1ml SOC in small glass tube

Set to 2.5kV (maximum voltage)

25 microF

200 ohm and pulse

transfer E. Coli mixture to cuvette and pulse till you hear the beep (about 4.6 second)

add 1ml SOC and pipet up and down. Transfer to culture tube. (with glass pipettes)

incubate at 37 degree for 1 hour

Plate them on LB Amp.