Transformation

Note: Set the water bath to 42°C and use ice slurry for more efficient heat transfer.

1. Thaw competent cells.
2. Add 1 µL of DNA to 25 µL of competent cells.
3. Incubate on ice for 30 minutes.
4. Incubate at 42°C for 45-60 seconds.
5. Incubate on ice for 5 minutes.
6. Add 400 µL of LB media.
7. Incubate while shaking at 37°C for 1 hour.
8. Pour culture on agar plates,spread plate and leave right side up for 30 minutes in the incubator.
9. After 30 minutes, put the plate upside down in an incubator at 37°C overnight.