Making electrocompetent cells:
1. Inoculate 50 ml standard-1 medium with 7 ml of a fresh overnight culture of *Pseudomonas putida*. Grow cells at 30 °C to a density of O.D. of 0.8.
2. Harvest by centrifugation.
3. Wash twice with 50 ml ice-cold glycerol, centrifuge.
4. Resuspend cells in 0.8 ml ice-cold glycerol, keep on ice.

Electroporation of cells:
1. Add 4 µl plasmid DNA (1 µg) to 40 µl of electrocompetent cells. Homogenize by gently mixing with pipette several times. Transfer mixture into a prechilled cuvette.
2. Wipe moisture from the cuvette and insert the cuvette into the device.
3. Electroporation:
   - **Mode**: Prokaryotes "O"
   - **Voltage (V)**: 2,400 V
   - **Time constant (τ)**: 5 ms
4. Immediately add 1 ml standard 1-medium. Incubate 2 hours at 30 °C.
5. Plate cells on selective plates.

Expected results:
Transformation efficiency up to 2 x 10⁴ transformants/µg of DNA.