New England BioLabs-Transformation protocol for DH5α

1) Thaw 50 µl of DH5α chemically competent cells on ice.
2) Mix cells with 1 µl of template. Gently pipette up and down a few times. Incubate tube on ice for 30 minutes.
3) Heat shock tubes at 42ºC for 30 seconds.
4) Place on ice for 5 minutes.
5) Add 950 µl of SOC.
6) Incubate at 37ºC for 1 hour shaking at 200 rpm.
7) Plate 100 µl on a petri plate with LB media and 25 mg/ml chloramphenicol.
8) Spin down cells at full speed for 3 minutes. Discard 800 µl of the supernatant. Resuspend the cells in the remaining 100 µl. Plate the 100 µl on a petri plate with LB media and 25 mg/ml chloramphenicol.