

E. coli transformation

Thaw E. coli on ice for 20/30min

Mix 1-5 μ l >10ng of DNA with E. coli

Place on ice for 20-30 min

Heat shock 42 C 30-60 sec

Place on ice 2-3 min

Add 250 μ l LB, grow for 45-100 min

Place on agar plate incubate at 37 C overnight