

Fast and easy yeast transformation

1. Grow yeast cells
2. Take 1 ml ($OD_{600} = 2$) in an eppendorf tube
3. Wash with 0.5 ml of water
4. Harvest the cells
5. Add 0.05 ml of 0.1 mM Lithium acetate
6. Harvest the cells
7. Add the following components

260 ul of 50% PEG

36 ul of 1 M Lithium Acetate

Add DNA

Add 50 ul of 2 mg/ml carrier DNA (SS DNA)

8. Vortex for 1 min at max speed
9. Incubate at 30°C for 30 min
10. Heat shock for 20 min at 42°C
11. Harvest
12. Remove PEG
13. Add 100 ul of sterile water
14. Plate on appropriate plate