Primordial Genetics

Transformation of Chemically Competent Cells

1. Chill either 14 ml polypropylene tube or 1.5 ml microfuge tube on ice.
2. Thaw competent cells on ice.
3. Warm SOC to 37^{o}C.
4. Aliquot 50 ul of competent cell per tube
5. Add 1 ul to 5 ul DNA (as appropriate).
6. Incubate on ice 15 minutes.
7. Heat pulse at 42^{o}C for 30 seconds.
8. Return tube to ice for 1 minute.
9. Add anywhere between 200 ul and 950 ul SOC recovery media to tube.
10. Incubate tube in 37^{o}C shaker (225 rpm) for 60 minutes.
11. Plate appropriate volume on selective plate.