

Transformation of Yeast

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1 Introduction

1.1 Solutions / reagents

1. ☐ Plasmid DNA
2. ☐ Carrier DNA (Salmon /Herring sperm DNA in H₂O, 2 mg/ml stock, 500 μ l aliquots, heat inactivated at 95°C for 5–6 minutes and keep on ice (has to be done once))
3. ☐ 50% Polyethylene glycol (PEG) MW 3350 solution (filter sterilized)
4. ☐ 1 M Lithium acetate (autoclaved)
5. ☐ Cells scrapped from plate
6. ☐ Plates containing appropriate dropout medium
7. ☐ ddH₂O

1.2 Equipment

1. ☐ Machine 1
2. ☐ Machine 2

1.2.1 User supplied

1. ☐ Ultra Pure Water

2 Protocol

2.1 Treatment 1

1. ☐ Try to do this
2. ☐ and then this