

MEI Protocol

Transformation (DNA into bacteria)

1. thaw competent bacteria on ice for 10 min.;
2. add DNA to competent cells, incubate on ice for 10-15 min.;
3. heat shock for 2 min at 42 °C, put back on ice for 1 min.,
4. add 0.3-0.5 ml LB, incubate at 37 °C for 30-45 min.;
5. plate onto (Ampicillin-)LB plates
6. grow at 37 °C, O/N;
7. grow bacteria in 5 ml Amp-TB, miniprep plasmid DNA, restriction digest to identify the desired clones (or PCR).