

## Colony Screening by PCR

1. Draw grid on a LB (with antibiotic) plate.
2. Pick bacterial colonies with pipette tips, disperse cells in a numbered PCR tube with 50  $\mu\text{l}$  of  $\text{H}_2\text{O}$  by pipetting, and inoculate a numbered sector with trace amount of liquid.
3. Incubate plate at 37°C.
4. Heat PCR tube with cells at 95°C for 5 min.
5. Spin lysis solution on high speed briefly.
6. Use 2  $\mu\text{l}$  supernatant for PCR.