

## Selection for Rhizobium Species

### Solid media selection

1. Prepare LB plates at the appropriate concentrations.
2. Streak single colony on rhizobium on the plate. Culture at 30C for 3 days.
3. Observe presence or absence of growth

### Liquid media selection

1. Prepare 96 well plate, which each well containing 150ul LB and appropriate antibiotic concentration. We used a range of antibiotic concentrations: 0.5x, 1x, 2x, 4x, 8x, 16x (with 1x being the literature value).
2. Pick a single colony and inoculate each well. Culture at 30C for 3 days.
3. Observe presence or absence of growth by measuring OD.