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Working

Electrocompetent Agrobacterium transformation

Forked from Electrocompetent Agrobacterium transformation

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ABSTRACT

Standard protocol for Agrobacterium transformation

PROTOCOL STATUS

Working

We use this protocol in our group and it is working

SAFETY WARNINGS

1 Add a small amount of plasmid DNA (<100ng) to 40-80µl of competent cells in a tube on ice. Stir gently.

2 Pipette Agro cells with DNA into a chilled 0.2 cm electroporation cuvette.Shake cells to bottom of cell

3 Pulse cells at 2.5kV.

4 Add 1 ml YEP (of LB) media to cuvette, mix, and immediately transfer cells into sterile test tubes.

5 Allow cells to shake at 28°C for 2-4 hours.

6 Plate 10 µl and 100µl on selective media. Put the plates at 28°C.

7 Select positive cultures after 48h. If you use multiple antibiotics for selection, you might have to wait even longer.