Wash once in H40 buffer
Add 1 µg DNA

transfer to dish with
SorMC + bacteria (10 mL)

scrape cells from the growth zone

electroporate

cells recovery for 5 h

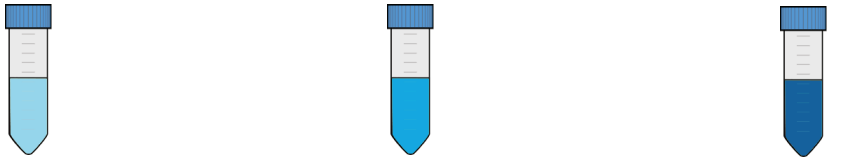
add selection

Knock-outs, Knock-ins and *act5*-Knock-ins

high dilution

medium dilution

low dilution



Transfected cells:

90 µL | 900 µL | 9 mL

Bacteria:

600 µL | 600 µL | 600 µL

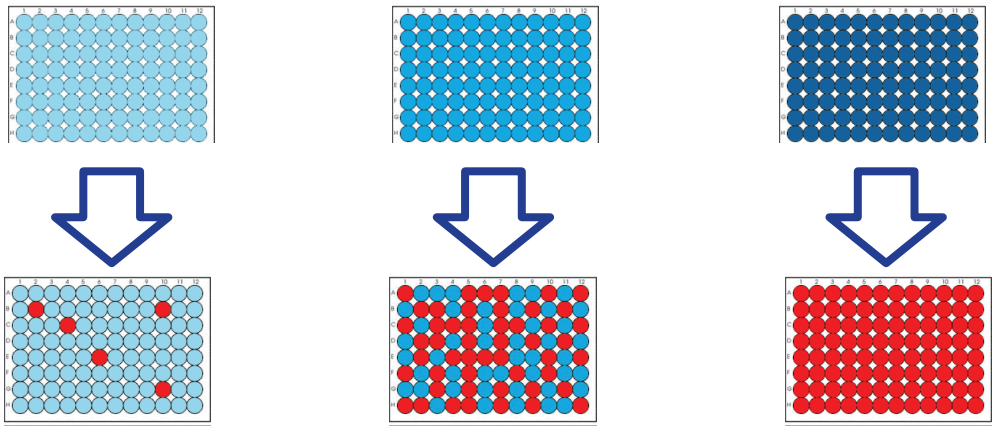
Selection marker (G418*or Hygromycin**):

30 µL | 30 µL | 30 µL

SorMC buffer:

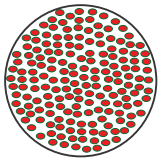
29.3 mL | 28.5 mL | 20.4 mL

150 µL per well, 2x 96 well plates per dilution



t = 120 h

extrachromosomal plasmids



Selection marker:

20 µL G418*
or Hygromycin**

t = 32 h

* stock solution: 10 µg/mL
** stock solution: 100 µg/mL