This experiment is to explore the important of the growth phase of the cells that have been growing overnight.

The idea is to inoculate the overnight cultures as a dilution series.

Where you normally would use 4 uL cryostock to inoculate a 400 mL culture of C. glutamicum, I will use a dilution series as follows:

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I will do likewise for the donor strain, but stratified on the other axis

Table

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Seen as E. coli has a more vivid growth, I will do a 4 times dilution for each step.