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Measuring effects of down-regulated genes

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Protocol status: Working

We use this protocol and it's working

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Abstract

- Synechocystis sp. PCC 6803 with integrated guide RNA culture
- Synechocystis sp. PCC 6803 control
- inoculate 30 ml, grow for a few days

- Inducer

Start

Dillute each culture to $\text{oD}_{750}=0,2$

Add appropriate amount of antibiotics

Start with adding appropriate amount of Inducer

Following Days

Measure oD_{750} of *Synechocystis sp.* PCC 6803 cultures

Day 3

Measure oD_{750} eventually last time (depends on how good your datas and your remaining culture is)

Centrifuge 5 ml of each culture

Resuspend pellet in pgtx for later use (storage: -80°C)

