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## Measuring effects of down-regulated genes

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Works for me

[dx.doi.org/10.17504/protocols.io.769hrh6](https://doi.org/10.17504/protocols.io.769hrh6)

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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  $OD_{750}=0,2$

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:  $-80^{\circ}\text{C}$ )



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