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In devel.

## Small-scale silencing experiment in vegetative *Euplotes crassus* (provisional)

Forked from [Small-scale silencing experiment in vegetative \*Euplotes crassus\* \(provisional\)](#)Rachele Cesaroni<sup>1</sup><sup>1</sup>Universität Bern[dx.doi.org/10.17504/protocols.io.2asgae](https://doi.org/10.17504/protocols.io.2asgae)

Protist Research to Optimize Tools in Genetics (PROT-G)

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- 1 Grow RNase III deficient E.coli strain HT115 in LB with antibiotic selection o/n at 37°C.
- 2 Prepare a 1:100 dilution of the bacterial culture, and grow it at 37°C until it reaches an OD<sub>600</sub> of 0.4.
- 3 Add 0.4 mM IPTG, and induce RNA transcription from the L4440 plasmid in the bacteria o/n at 37°C.
- 4 Collect the bacteria by centrifugation at max speed for 10 minutes, and wash them once with ddH<sub>2</sub>O.
- 5 Isolate at least 30 well-starved *Euplotes crassus* cells, and feed them twice a day with feeding bacteria.
- 6 Leave the *Euplotes crassus* cells at 24°C, and monitor daily the change in phenotype.



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