

Sequencing (Microsynth)

All samples used in this project were sequenced by the company “Microsynth”.

- Prepare for each sample two 1,5mL reaction tubes with a screw lid.
- Put 3 μ L 10 μ M forward primer in the first tube and 3 μ L 10 μ M backward primer in the second tube.
- Add 12 μ L sample to both reaction tubes, determine the concentration of the sample according to the table below.

Plasmid	40-100 ng/ μ L
PCR 1000-2000bp	30 ng/ μ L
PCR 500-1000bp	15 ng/ μ L
PCR 250-500bp	7,5 ng/ μ L
PCR 100-250bp	4 ng/ μ L

- Label the reaction tubes with a Microsynth label. Write the contents of the reaction tubes and the accompanying label numbers in your lab journal.
- Send the samples for sequencing.
- Fill out an order form on the website of the company „Microsynth“:
- Copy the expected sequence to the results and align the gained sequence to it.