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Project: iGEM_Munich2019 Shared Project

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PCR Annealing Temperature Optimization

Master Mix:

- 2x MM - 130µl
- 10µM forward primer 51 - 1.3µl
- 10µM reverse primer 52 - 3.9µl
- H2O - 98.8µl

12 tubes with with 18µl Master Mix & 2µl DNA (=10ng) V14

PCR Programm qprimer -> program is same as qPCR

Agarose Gel of PCR

- 1% Agarose stock: 500ml 1xTAE + 5g Agarose
- stored at 65°C
- samples diluted with with 6x purple loading dye 1:6 sample
- 5µl ladder, 8µl sample loaded on gel
- Run at 150V for 35min