07. (July) 2019

Project: iGEM_Munich2019 Shared Project
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MONDAY, 22/7/2019

reverse transcription samples
constructs 1, 3,7
R= reverste transcription (specific fluc primers)
RR= random primer RT
NR= no RT random primer
N= no RT specific primers
(-) = no DNase treatment
(+) = DNase treatment
T=Trizol RNA Isolation
K= Kit RNA Isolation
S=supernatant
Z=cells

RT with fluc primers of all samples and no RT control
RT with random primers of all samples and no RT control

volumes:

- for random 2µl RNA, 1µl random primer, 2 µl ddH2O
- for specific 4 µl RNA, 0.2 µl reverse p. Primer 52, 0.2 µl forward primer (primer 51), 0.6µl ddH2O -> primers cannot binde (were designed for cDNA) have same sequence as RNA not complementary
- repeated with oligo-dT on 25.07

incubated 5 min at 70°C , incubated 5 min on ice, followed promega protocol first strand DNA synthesis