

# 07. (July) 2019

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**Project:** iGEM\_Munich2019 Shared Project

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- Miniprep : V31 & V32 (eluted in 20µL MilliQ)
  - > V31
    - #1 : 80.5ng/µL
    - #8: 112.1ng/µL
    - #12: 101.0ng/µL
  - > V32
    - #1 : 79.4ng/µL
    - #4 : 77.0ng/µL
    - #11 : 77.7ng/µL
- sequencing each with 15µL sample

## Cell culture :

- splitting of johannas mother plate (passage 16), 600µL for inoculation
- splitting of Alejandros mother plate (passage 16), 800µL for inoculation

## Cell culture :

- Medium exchange in transfected wells for HiBit assay (plates 1 & 2, conditions 1 to 10)
  - > 600 of the 800µL were exchanged after ~48h

## Maxi Prep inoculation :

- V15#12 in 150µL LB + Amp

## Fluorescence microscopy assay :

- plate 3 was used
- The medium over the cells was removed and replaced with 500µL Medium containing a 1µL/mL solution of Alexa Fluor 546 biocytin (1:1000 of stock solution)
- the cells were incubated at 37°C for 35min
- the medium with the fluophore was removed and cells were washed with 37°C warm PBS (600µL)
- cells were imaged at Evos microscope
  - > V27 appears to allocate on the cellmembrane