06. (June) 2019

Project: iGEM_Munich2019 Shared Project
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Maxiprep :

- maxi prep according to standard protocol for V9,V10
- Nanodrop results :
  - V9 : 463ng/µL, 260/280 : 1.88, 260/230 : 2.37
  - V10 : 250.7ng/µL, 260/280 : 1.91, 260/230 : 2.42

Transfection :

- constructs V4-V10 were used
- 3X PEI was used for the transfection (150ng in wells with a total DNA content of 50ng and 225ng for 75ng DNA) 15 min incubation.
  -> 10µL OptiMem + PEI + DNA were used per well
- sample distribution :

sample distribution

	A	B	C	D	E	F	G	H	I
1	V4	V4	V4	V5	X	V5	V	V6	V6
2	V7	V7	V7	V8	V8	V8	V9	V9	V9
3	8/9	8/9	8/9	8/10	8/10	8/10	8/9/10	8/9/10	8/9/10

- Note : lots of cells were lost in column 10 while changing the medium. Some but less were lost in D2-D9.
- Note : The PEI mixture of sample 8/9/10 comes from a different eppi
- time of transfection : 16:50

Bacterial cultures :

- V10#5 & V16#2 in 5Ml LB +Amp for cryostock
- V14#4 in 150mL LB + Amp for cryostock and maxi
- V11#3,4,9 in 5mL LB + Amp for miniprep and sequencing
- Mini Prep of V11#3, V11#4, V11#9
  - Nanodrop measurements :
  - V11#3 : 263.8ng/µL
  - V11#4 : 279.5ng/µL
  - V11#9 : 277.8ng/µL
- all samples were diluted to 100ng/µL and then send to Eurofins for sequencing
- cryostocks of V10#5,V14#4,V16#2