

07. (July) 2019

Project: iGEM_Munich2019 Shared Project

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Uptake experiment (fluc)

600ul of old media has been removed from each well of origin cells. Then 300ul of old media together with 300ul of fresh media has been added to recipient cells and 600ul of fresh media has been added to origin cells.

Analysis (HiBiT assay + sample preparation/freezing for qPCR, His purification, following the protocol)

100719_HiBit luminiscence measurement 96-well plate												
	1	2	3	4	5	6	7	8	9	10	11	12
A	ESL H100, AM150, MeM100 , M150	H100, AM150, MeM100, M150	H100, AM150, MeM100 , M150	H100, AM150, MeM100, M150	H100, AM150, MeL100, M150	H100, AM150, MeL100, M150	H100, AM150, MeL100, M150	H100, AL150 , MeL10 0, M150				
B	H100, AL150, MeM100 , M150	H100, AL150, MeM100, M150	H100, AL150, MeM100 , M150	H100, AL150, MeM100, M150	H100, MeM100, M300	H100, MeM100 , M300	H100, MeL100, M300	M500	M500	PBS	PBS	
C	ESU H100, AM150, MeM100 , M150	H100, AM150, MeM100, M150	H100, AM150, MeM100 , M150	H100, AM150, MeM100, M150	H100, AM150, MeL100, M150	H100, AM150, MeL100, M150	H100, AM150, MeL100, M150	H100, AL150 , MeL10 0, M150				
D	H100, AL150, MeM100 , M150	H100, AL150, MeM100, M150	H100, AL150, MeM100 , M150	H100, AL150, MeM100, M150	H100, MeM100, M300	H100, MeM100 , M300	H100, MeL100, M300	M500	M500	PBS	PBS	
E	EZL H100, AM150, MeM100 , M150	H100, AM150, MeM100, M150	H100, AM150, MeM100 , M150	H100, AM150, MeM100, M150	H100, AM150, MeL100, M150	H100, AM150, MeL100, M150	H100, AM150, MeL100, M150	H100, AL150 , MeL10 0, M150				
F	H100, AL150, MeM100 , M150	H100, AL150, MeM100, M150	H100, AL150, MeM100 , M150	H100, AL150, MeM100, M150	H100, MeM100, M300	H100, MeM100 , M300	H100, MeL100, M300	M500	M500	PBS	PBS	
G	HISpurif (AM) FT NL	FT NL	FT L	FT L	W NL	W NL	W L	W L	E NL	E NL	E L	E L
H	HISpurif (AL) FT NL	FT NL	FT L	FT L	W NL	W NL	W L	W L	E NL	E NL	E L	E L

Abbreviations:

ESL = exosomes supernatant lysed
ESU = exosomes supernatant non-lysed
EZL = exosomes cells lysed
HISpurif = HIS-Tag purification
FT = flow through
W = wash
E = elution
NL = non-lysed
L = lysed