6/17/2015

Aims for Today:

1. Glycerol stock LuxBox + PSB1C3
2. Miniprep more pACBB-eGFP
3. Look at plates, pick colonies, inoculate at 4pm LuxBox+pACBB
4. Colony PCR luxbox from pACBB
5. Column purify digested lacZ
6. Transform overnight ligation (& prep plates)
7. miniprep and glycerol stock ligated pDawn+LacZ and Luxbox+pACBB
8. Transform BL21 with luxbox biobrick.

Accomplishments:

1. Glycerol stock of LuxBox+PSB1C3
2. Miniprep more pACBB-eGFP

Aims for Tomorrow:

1. Design primer for lacZ RE site extensions
2. Design luxbox colony PCR primers
3. Design luxbox sequencing primers
4. Design lacZ sequencing primers
5. Look at plates (ligation products lacZ + pDawn and lux + pACBB), pick colonies, innoculate.
6. Plot data of lux
7. Inoculate BL21 w/ lux biobrick (to back dilute on Fri)

Aims for Friday:

1. Miniprep + glycerol stock lacZ + pDawn and lux + pACBB
2. Dilute BL21 w/ lux biobrick to OD600 .3
3. Take measurements at 1 hr, 3 hr, 5 hr, etc.
4. Plot data ^

Questions:

1. Is N = 2 enough for NEB Turbo for measuring luminescence experiment (as opposed to BL21 which we will do later)? Should we do more trials?
2. Should we do the interlab study this year? (http://2015.igem.org/Tracks/Measurement/Interlab_study)
3. We should discuss human practices