Diary——李大一（LI Dayi)

Jul.1-Jul.7

I have successfully constructed plasmid sulA-GFP-ssrA-PSB1C3 that consists of sulA promoter, a GFP reporter tagged with the strong degradation tag ssrA and backbone of 1C3.

Jul.8-Jul.10

Chang Backbone of plasmid sulA-GFP-ssrA-PSB1C3, from 1C3 to 3C5.

Jul.11-Jul.17

I have successfully constructed plasmid colE-GFP-ssrA-PSB1C3 that consists of colE promoter, a GFP reporter tagged with the strong degradation tag ssrA and backbone of 1C3.

Jul.18-Jul.20

Chang Backbone of plasmid colE -GFP-ssrA-PSB1C3, from 1C3 to 3C5.

Jul.21-Jul.26

I have successfully constructed plasmid colE- PSB1C3 and sulA-PSB3C5 that consists of colE promoter or sulA promoter and backbone of 1C3 or 3C5.

Aug.2-Aug.6

I have successfully conducted the timing-sequence experiment of our

luminesensor.

Aug.7-Aug.16

I have finished measuring the sensitivity of our luminesensor that the E.coli transformed with lexA-VVD plasmid and sulA-GFP-ssrA-PSB1C3 plasmid.

Aug.17-Aug.26

I have finished measuring the sensitivity of our luminesensor that the E.coli transformed with lexA-VVD plasmid and colE-GFP-ssrA-PSB1C3 plasmid.

Aug.27-Sep.5

I have finished conducting the light-communication demonstration experiment using our luminesensor and luxbrick.