

Diary of ZHANG Hong

2012-07-11 to 2012-08-08

Construct four plasmids: connect fusion protein P[Amp]-LexA408-VVD with bidirectional terminator B0015; add SulA408 promoter to CI and LacI mutant by incremental PCR; add phage lambda CI regulated promoter to LacI by incremental PCR.

2012-08-09 to 2012-08-15

Connect the plasmids mentioned above into two plasmids for pattern formation part of our project.

2012-08-17 to 2012-08-25

Measure the on/off expression ratio of GFP regulated by LexA-VVD and three mutants of this fusion protein;

2012-08-26 to 2012-09-05

Measure the temporal change of expression level of GFP regulated by LexA-VVD(wt) and LexA-VVD(135) at 2 h intervals.