



COLOR CODING KEY

Characterization

Construct

Data Collection/Analysis

Improvement of Biobrick

Plant-Care

Plasmid

Plasmid/Construct Design

Preparatory Work

Monday August 26th

- Consulted with Dr. Tran about data collected
 - Suggested using western blot, rt-PCR, or sequencing

Tuesday August 27th

- Transformed the ligated product into BL21 cells from the previous iGEM team

Tuesday September 3rd

- PCR, Nanodrop and RE Digest:
 - Promoter 1,2,3
 - T7
- Ligation for 15 minutes and denaturation for 10 minutes afterwards

Wednesday September 4th

- Transformation
 - Promoter 1,2,3
 - T7
- Gel Electrophoresis:
 - Nothing shows up for the ligated pieces

Sunday September 8th

- Nothing grew on the plants

- Ran another gel electrophoresis for promoter 1,2,3 and T7
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Sunday September 15th

- Transformed competent cell test into BL21
 - Plates:
 - Made 11 KAN plates
 - Plates 1 and 2:
 - 50uL BL21 cells
 - 2uL plasmid DNA
 - 950uL SOC outgrowth media
 - Plate 3 for control:
 - 50uL BL21 cells
 - 950uL LB media
 - Placed into incubator at 37C
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Tuesday October 1st

- Ligation:
 - T7 pst1 digest + pSB1K3 (used double digest)
 - P1 pst 1 digest + pSB1K3 (used digest)
 - P2 pst1 digest + pSB1K3 (used double digest)
 - P3 pst1 digest + pSB1K3 (used double digest)
 - Placed into the thermocycler after
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