8/17/18 iGEM Meeting

Updates

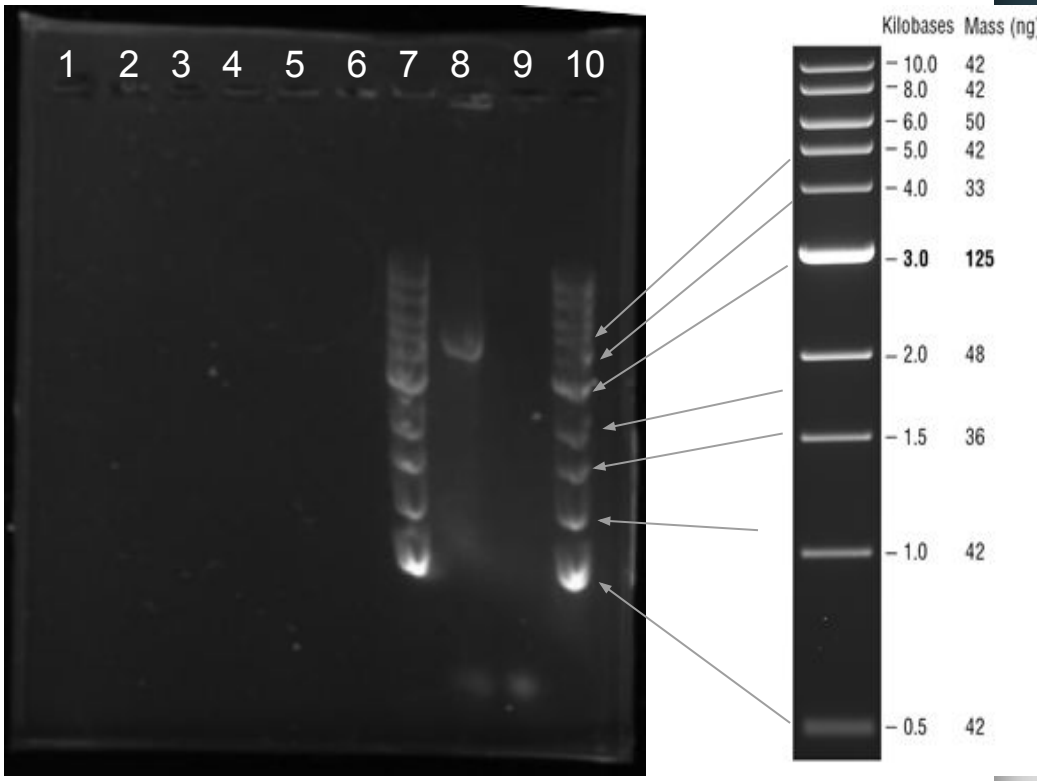
- ACGT lost our first LuxR/pADS088
- Second LuxR/pADS088 Gibson sequencing inconclusive
- DPN1 digested Gibson, re-sequencing soon
- Ran iPCR's for pLux/pADS094 and PbrAP/pADS094
- Ran gels for pLux and Lead iPCR results
- Successfully transformed iGEM DNA for Interlab!!!

Gel Results for pLux/pADS094 iPCR

Expected Length: 4000 bp

Lanes 7 and 10: 1 Kb Ladder

Lanes 8 and 9: pLUX/pADS094 (3900 bp)



Focused Plan For Immediate Future

- Constructing 3 Two-Plasmid Systems
  - pLux/LuxR in 88/94 backbones
  - Chromium Repressor/Promoter in 88/94 backbones
  - Lead Repressor/Promoter in 88/94 backbones
- All 6 plasmids are in different stages of development
  - Chromium/Lead Repressor Gels look good, Gibson ASAP with 88 backbone
  - Chromium/Lead Promoter Gels inconclusive -- re-do PCR, DPN1 digest, Gel
  - pLux/94 and LuxR/88 successful gels, move towards sequencing
- Individualize plasmid construction for efficiency

Questions Moving Forward

Scheduling time with a plate reader?

Acquiring more pADS088 and pADS094