

**Tuesday 7/28/09**

*Frozen stock of Pu luiferace registry part Bba\_I723023*

1. Inoculate 2mL of LB with 100 ug/mL AMP with one colony from the plates streaked from yesterday
  - a. Make 3 replicates from each plate with different colonies
2. Place in 30C shaker to grow out overnight

*Digest lambda and T4 killer genes to check part length*

- For digestion protocol see IGEM notes on 7/25/09
- Digested according to ANNDIGEST PCR program
- These parts are expected to have the restriction enzyme layout EcoRI-BamHI-Part-BglII-PstI
  - Upon further inspection BBb is EcoRI-BglII-Part-BamHI-XhoI
- Digest each of the parts with the following combinations
  - EcoRI only
  - BglII only
  - PstI only
  - EcoRI and BglII

## **Results**

The plates of *P. putida* pWW0 grew out and Prabhjyot used them for colony PCR. The plates of Bba\_I723023 also grew out and colonies were chosen to start ON cultures to make frozen stock.