Week14

July 25

- Designed clone sequences
- Constructed vector map of clones.

July 31
Transformation of clones and plating
BOTH the clones streaked and inoculated.
Inoculation of
NrfA BBa_K1153001
SQR Bba_K896000
Promoter j23119
Cys1 Bba_K896001
Dsr Bba_K896002

Aug 1
Result of last transformation

- High no. of colonies but there were RED colonies also.

We searched back this and found our both the clones have pink colonies showing that there is a possibility of 2 plasmids are getting transformed simultaneously inside our cells causing a contamination problem in future.

Result of inoculation

- Good growth in J23129
- But no growth in any other might be the bio-bricks are not viable now so decided to streak them and then inoculate.

Aug 2
Plasmid prep
Eluded plasmid in 1.5 ml MCT
Named as

- clone NrfA
- Clone SQR

Aug 3

- Plates prepared:
  Cat 10
  Kana 6
  Amp 5

- Cat plates were divided and biobricks were streaked to know whether they are viable or not.

Result:
No growth.

Aug 4

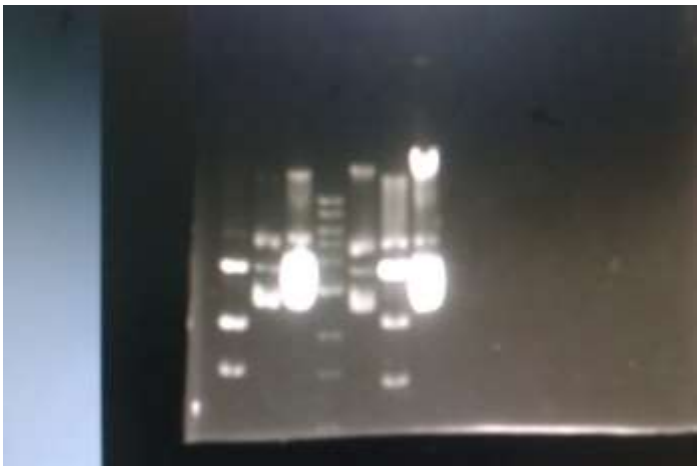
- Plating of 4 biobricks by taking a lot inoculum.
- Gel loaded to get its bands for GEL EXTRACTION.
- To test the clone. Plated both in Kana and Cat plates:

Those who grow in both are not of our use.

Those colonies which grow only in Kana are of use.

- GEL RUN of digestions done last time

Result:



Aug 5

- Transformation of

  Cys1
  NrfA Biobrick
  SQR Biobrick
- No growth in any of the plates so we transformed the biobricks of our use.