

## COLOR CODING KEY

Spectrophotometry Measurements

Construct Group

Plasmid Group

Interlab

Cell Culture/Plating

Biobrick Group

Cyanobacteria Transformation Group

Experimental Verification

Plasmid & Construct Design Group

### Week 13

**August 27, 2018**

Experimental Verification (Elon)

- Induced Cyanobacteria with IPTG and added 75 uL of HEPES for buffer
- Measured OD at 1.141, 1.167

Biobrick Group (Matt/Natalie)

- Made a .7% gel
- RE digest

**August 28, 2018**

Biobrick Group (Matt/Natalie)

- Ran gel of RE digest products from yesterday

**August 29, 2018**

Experimental Verification (Elon)

- Sucrose assay for cscB

**August 30, 2018**

Biobrick Group (Karthik/Matt/Nat)

- PCR and PCR purify: cpc, cpc560, idiA, and psbA2
- Digested PCR products in EcoRI+PstI