

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 19

October 9, 2018

BioBrick Group (Priya/ Lin)

- Started miniprep of transformed colonies
 - EYFP opto, cscB, psbA2, idiA, cpc560

October 10, 2018

BioBrick Group (Priya/Steph/Karthik/Sara)

- Miniprep completed
- Dried DNA and submitted BioBricks

October 11, 2018

Experimental Verification (Matt M)

- Induced cscB expression in additional IPTG (100 mM)

October 12, 2018

Experimental Verification (Matt M/Matt L/Nat)

- Induced psbA2 expression with blue light at 300 mM

October 13, 2018

Experimental Verification (Karthik/Matt M/Matt L)

- Plate reader results → no significant results