

Figure 1: Conceptual diagram

A) Cartoon schematic of interaction between sucrose-secreting and AHL-producing *E. coli* with bidirectional communication

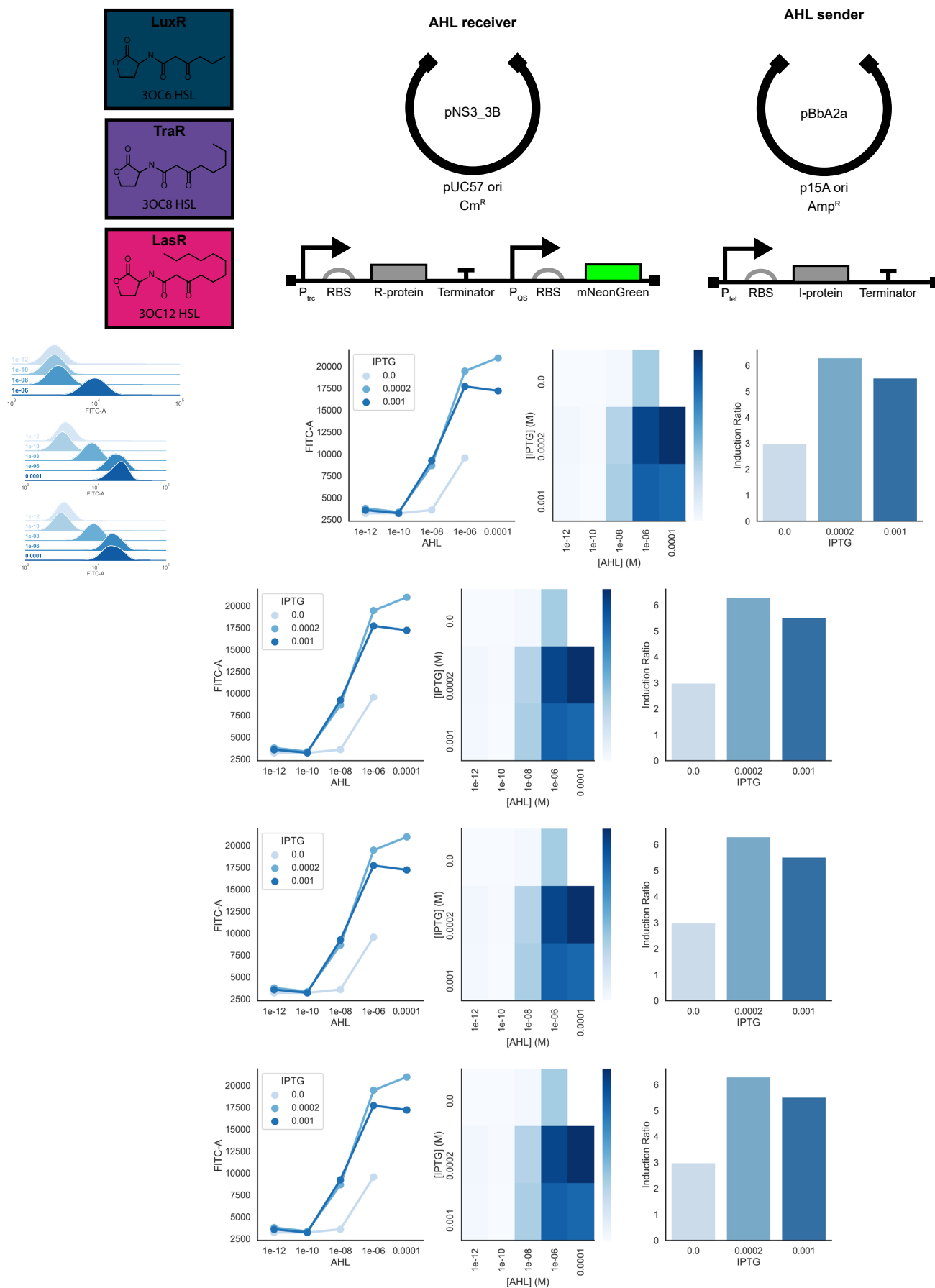


Figure 2: Performance of Lux, Las, & Tra responsive circuits in cyanobacteria

A) Schematic of expression cassettes tested in the study

B) Heat map of mNG reporter in LuxR-responsive cyanos to varied IPTG and AHL concentrations