



Supplementary Figure 1 | Activation of *gfpuv* transcription with 3OC6HSL and C6HSL by wild-type LuxR (▲) and LuxR-R67M (□). Shown are units of fluorescence due to GFPuv production in *E. coli* containing pluxGFPuv and pLuxR or pLuxR-R67M. The data are normalized to optical density and corrected by subtracting background fluorescence from a control strain containing pluxGFPuv and pPROLar.A122.