



Fig. S3. *btaI2* is directly activated by BtaR2 in response to 3OHC₈-HSL or 3OHC₁₀-HSL. The luciferase activity of the chromosomal *btaI2-lux* transcriptional fusion was monitored in the heterologous system *E. coli* DH5 α also containing a BtaR2 expression vector with an arabinose-inducible promoter. Cultures were supplemented with 10 μ M C₈-HSL, 3OHC₈-HSL, or 3OHC₁₀-HSL. Acetonitrile only was added in controls. The values represent the mean of three replicates. The luminescence is expressed in relative light units per culture optical density (RLU/OD₆₀₀).