



Figure S1. LB-agar plates for the evaluation of the CFU ability after incubation to chlorophyllin. Differently dense liquid cultures of (A) *Escherichia coli* DH5 α , (B) *Bacillus subtilis* 168, and (C) *Escherichia coli* NR698 were supplemented with different chlorophyllin concentrations between 0.1 and 25 mg/L. Cells grew in 96-well matrix plates either illuminated with 12 mW/cm² (A-C) or protected from light (D-F). Samples (2.5 μ L) were drawn at different time points and transferred onto LB-agar plates. After overnight incubation at 37°C in the dark, colony growth was analyzed.