



Figure S1. Growth curve analysis in the presence of milk caseins. (a) *S. mutans* cells were grown in BHI supplemented with various concentrations of the casein proteins mixture (0, 1 or 2%) and incubated at 37 °C in 95% air/5% CO₂. At each time point, a sample was taken, and CFU quantification was conducted. (b) *B. subtilis* cells were grown in LB supplemented with various concentrations of the casein proteins (0, 1, or 2%) and incubated at 37 °C, 150 rpm. At each time point, a sample was taken, and CFU quantitation was conducted. The data display a mean of 2 biological repeats, each performed in triplicate.