



Figure S1. Effect of nisin concentration and induction time on growth rate. Various nisin concentrations (◆: no nisin; ■: 0.001 ng/ml; ▲: 0.01 ng/ml; ●: 0.1 ng/ml; ◇: 0.5 ng/ml; □: 1 ng/ml; △: 5 ng/ml; ○: 10 ng/ml) were added at (A) 1 hr and (B) 2.5 hr after 1:25 dilution of an overnight culture of NZ9000(pNZPnisA:uspSCI-57his). Cultures were grown statically at 30°C for a total of 7 hr. Growth was determined by measuring the optical density at 600 nm over time.