

Text S1. Extended Methods

Analysis of protein localization. Analysis of protein localization. Overnight cultures of strains containing the chromosomally tagged sfGFP were diluted 1:50 in DASW (Defined Artificial Sea Water; 234 mM NaCl, 27.5 mM MgSO₄, 1.5 mM NaHCO₃, 4.95 mM CaCl₂, 5.15 mM KCl, 0.07 mM Na₂B₄O₇, 0.05 mM SrCl, 0.015 mM NaBr, 0.001 mM NaI, 0.013 mM LiCl, 18.7 mM NH₄Cl, 0.187 mM K₂HPO₄, 50 mM HEPES, pH 7.4) and 4 µL of the diluted culture were pipetted on 40 µL agarose pads (1% agarose in DASW) on glass slides. Cover slips were placed over the agarose pad and sealed utilizing Valap (1:1:1 [w/w/w] mixture of Lanoline, Paraffin, and Vaseline). The bacterial cells were imaged utilizing the Zeiss Zen Blue.