

Table 3 Experimental strain-specific conversion factors for aerobic or anaerobic growth conditions.

<i>E. coli</i> Strain	Biomass (gDW/L) to OD ₆₀₀ ± SE		Viable cells (CFU/ml) to OD ₆₀₀ ± SE		Biomass (ng) to Viable cells (CFU)	
	Aerobic	Anaerobic	Aerobic	Anaerobic	Aerobic	Anaerobic
K-12 MG1655	0.415 ± 0.013	0.468 ± 0.015	1.56*10 ⁹ ± 1.04*10 ⁸	1.40*10 ⁹ ± 5.00*10 ⁷	0.266	0.334
K-12 W3110	0.410 ± 0.018	0.442 ± 0.020	8.86*10 ⁸ ± 4.94*10 ⁷	1.15*10 ⁹ ± 7.35*10 ⁷	0.463	0.384
EDL933	0.436 ± 0.018	0.543 ± 0.010	2.00*10 ⁹ ± 4.09*10 ⁸	3.00*10 ⁹ ± 1.20*10 ⁸	0.218	0.181
Sakai	0.376 ± 0.015	0.436 ± 0.007	9.20*10 ⁸ ± 9.91*10 ⁷	1.20*10 ⁹ ± 9.20*10 ⁷	0.409	0.363
CFT073	0.491 ± 0.019	0.525 ± 0.015	4.20*10 ⁸ ± 1.54*10 ⁸	2.10*10 ⁹ ± 1.60*10 ⁸	0.223	0.25
UTI89	0.380 ± 0.012	0.469 ± 0.015	1.00*10 ⁹ ± 6.80*10 ⁷	3.20*10 ⁹ ± 3.20*10 ⁸	0.38	0.147
Salmonella LT2	0.431 ± 0.010	0.459 ± 0.010	8.00*10 ⁷ ± 4.34*10 ⁶	5.00*10 ⁸ ± 3.84*10 ⁷	0.539	0.51