

**S2 Table. ddPCR quantitative detection of plasmid DNA and bacterial suspension standards**

Plasmid DNA <sup>a</sup>	ddPCR results			Bacterial suspension <sup>d</sup>	ddPCR results		
	Mean <sup>b</sup>	Poisson SEM <sup>c</sup>	Total SEM		Mean <sup>e</sup>	Poisson SEM	Total SEM
5.88E+4	2392	18.88	18.88	1.78E+4	9000	459.18	1045.92
5.88E+3	247	3.57	3.57	1.78E+3	1545	9.18	132.65
5.88E+2	28.6	1.10	1.10	1.78E+2	222.6	2.55	6.89
5.88E+1	4.1	0.41	0.41	1.78E+1	23.4	0.81	1.71
5.88E+0	1.07	0.21	0.23	1.78E+0	2.14	0.24	0.24
5.88E-1	0.32	0.12	0.12	1.78E-1	0.25	0.11	0.11
NTC <sup>f</sup>	0	0	0	NTC	0	0	0

<sup>a</sup> Values reflect copies/ $\mu$ L of calculated serial dilutions of positive plasmid DNA standard.

<sup>b</sup> Values reflect copies/ $\mu$ L ddPCR reaction. Data represent the ddPCR measurement from merged triplicate tests of each dilution.

<sup>c</sup> SEM means standard error of mean.

<sup>d</sup> Values reflect CFUs/ $\mu$ L of calculated serial dilutions of *Xcc* bacterial suspension standard.

<sup>e</sup> Values reflect CFUs/ $\mu$ L ddPCR reaction. Data represent the ddPCR measurement from merged triplicate tests of each dilution.

<sup>f</sup> NTC means no template control.