

**Supplementary table 1.** Standard curves' parameters.

Target organism	Gene	Insert size	Plate no.	Serial dilution	Samples' concentration range Pg/ $\mu$ l	Approx. Copy number range	Efficiency (%)	R <sup>2</sup>
<i>Spalangia cameroni</i>	28S	185	1	1:10	0.01-100	10 <sup>3</sup> -10 <sup>7</sup>	77	0.99
			2				77	0.99
			3				79	0.99
			4				92	0.99
<i>Wolbachia</i>	wsp	218	1	1:5	0.064-40	10 <sup>4</sup> -10 <sup>7</sup>	78	0.99
			2				92	0.99
			3				90	0.99
			4				90	0.99
<i>Rickettsia</i>	gltA	438	1	1:5	0.3-188	10 <sup>4</sup> - 10 <sup>7</sup>	68	0.99
			2				59	0.99
<i>Sodalis</i>	ompA	223	1	1:10	0.001-100	10 <sup>2</sup> -10 <sup>7</sup>	90	0.98
			2				92	0.98
<i>Arsenophonus</i>	<i>InfB</i>	442	1	1:10	0.001-10	10 <sup>2</sup> -10 <sup>6</sup>	97	0.98