

Table S1 Sensitivity of real time PCR using purified genomic DNA of *V. parahaemolyticus*

Genomic DNA concentrations	C <sub>t</sub> (dR)	Quantity (copies/ mL)
2.4 ng/μL	18.93±0.15	2.03×10 <sup>9</sup>
240.0 pg/μL	22.19±0.83	2.03×10 <sup>8</sup>
24.0 pg/μL	25.96±0.11	2.03×10 <sup>7</sup>
2.4 pg/μL	29.26±0.64	2.03×10 <sup>6</sup>
240.0 fg/μL	32.63±0.01	2.03×10 <sup>5</sup>
24.0 fg/μL	36.28±0.28	2.03×10 <sup>4</sup>
2.4 fg/μL	37.78±1.06	2.03×10 <sup>3</sup>
0.24 fg/μL	No C <sub>t</sub>	2.03×10 <sup>2</sup>
Negative control	No C <sub>t</sub>	0

Table S2 Sensitivity of real time PCR using *V. parahemolyticus* bacterial cultures

<i>V. parahaemolyticus</i> concentrations (CFU/ mL)	C <sub>t</sub> (dR)
1.61×10 <sup>7</sup>	21.28±0.11
1.61×10 <sup>6</sup>	22.56±0.13
1.61×10 <sup>5</sup>	26.42±0.09
1.61×10 <sup>4</sup>	29.77±0.15
1.61×10 <sup>3</sup>	32.81±0.14
1.61×10 <sup>2</sup>	36.07±0.26
1.61×10 <sup>1</sup>	No C <sub>t</sub>
Negative control	No C <sub>t</sub>