**Supplementary Table S1.** Information of survey sites and Manila clams examined

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Site** | **Province** | **Coordinates** | ***n*a** | **SL (mm)** | **WTW (g)** |
| Jonghyeon | Gyeonggi | 37°16'48"N 126°32'40"E | 10 | 37.1 ± 0.4 | 1.9 ± 0.1 |
| Oeri | Gyeonggi | 37°14'45"N 126°28'52"E | 10 | 36.4 ± 0.3 | 1.4 ± 0.1 |
| Padori | Chugnam | 36°44'04"N 126°09'09"E | 10 | 37.5 ± 0.3 | 2.2 ± 0.1 |
| Hwangdo | Chugnam | 36°35'52"N 126°23'09"E | 10 | 33.0 ± 0.4 | 1.6 ± 0.1 |
| Geogumdo | Jeonnam | 34°29'20"N 127°10'29"E | 10 | 40.6 ± 0.4 | 2.5 ± 0.1 |
| Masan | Gyeongnam | 35°05'21"N 128°36'58"E | 10 | 32.9 ± 0.4 | 1.0 ± 0.1 |

SL, shell length; WTW, wet tissue weight.

**a**Number of clams examined.