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| Supplemental Table 1　Infection test by cohabitation with affected pearl oysters |
|  | Source of infection (Donors) |  | Mean shell scores (N=5) of recipients sampled on different days of cohabitation |
| Test groups | Collection site, age and number of oysters used as donors for each group | Mean shell scores (N=5) |  | 42 days | 63 days | 111 days |
| Group 1-1 | Mie Prefecture, 1+, N=4 | 4.2 ± 0.7 |  | 0.4 ± 0.4 | 1.0 ± 0.5 | 0.8 ± 0.5 |
| Group 1-2 | ditto | ditto |  | 0 ± 0 | 0.8 ± 0.5 | 0 ± 0 |
| Group 2-1 | Mie Prefecture, 2+, N=10 | 3.2 ± 0.9 |  | 0 ± 0 | 0.4 ± 0.4 | 0.4 ± 0.4 |
| Group 2-2 | ditto | ditto |  | 0 ± 0 | 0 ± 0 | 0.5 ± 0.4 |
| Negative control 1 | Ishikawa Prefecture, 2+, N=10 | 0 ± 0 |  | 0 ± 0 | 0 ± 0 | 0 ± 0 |
| Negative control 2 | ditto | ditto | 　 | 0 ± 0 | 0 ± 0 | 0 ± 0 |
| Healthy pearl oysters (N=20) obtained from Ishikawa Prefecture were reared with donor oysters in the same tank for each experiment. Thus, a total of 140 healthy oysters (including the healthy oysters used as donors in the control tanks) were used.  |
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