**Supplemental Table S2.** Thermocycler conditions for phage amplification.

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| **Step** | **Temperature (°C)** | **Time**  |
| 1. Initial denaturation | 95 | 3 m |
| 2. Repeat 30x |  |  |
| Denaturation | 95 | 30 s |
| Annealing | 55 | 30 s |
| Extension | 72 | 30 s |
| 3. Final extension | 72°C | 5 m |