

Figure.S1

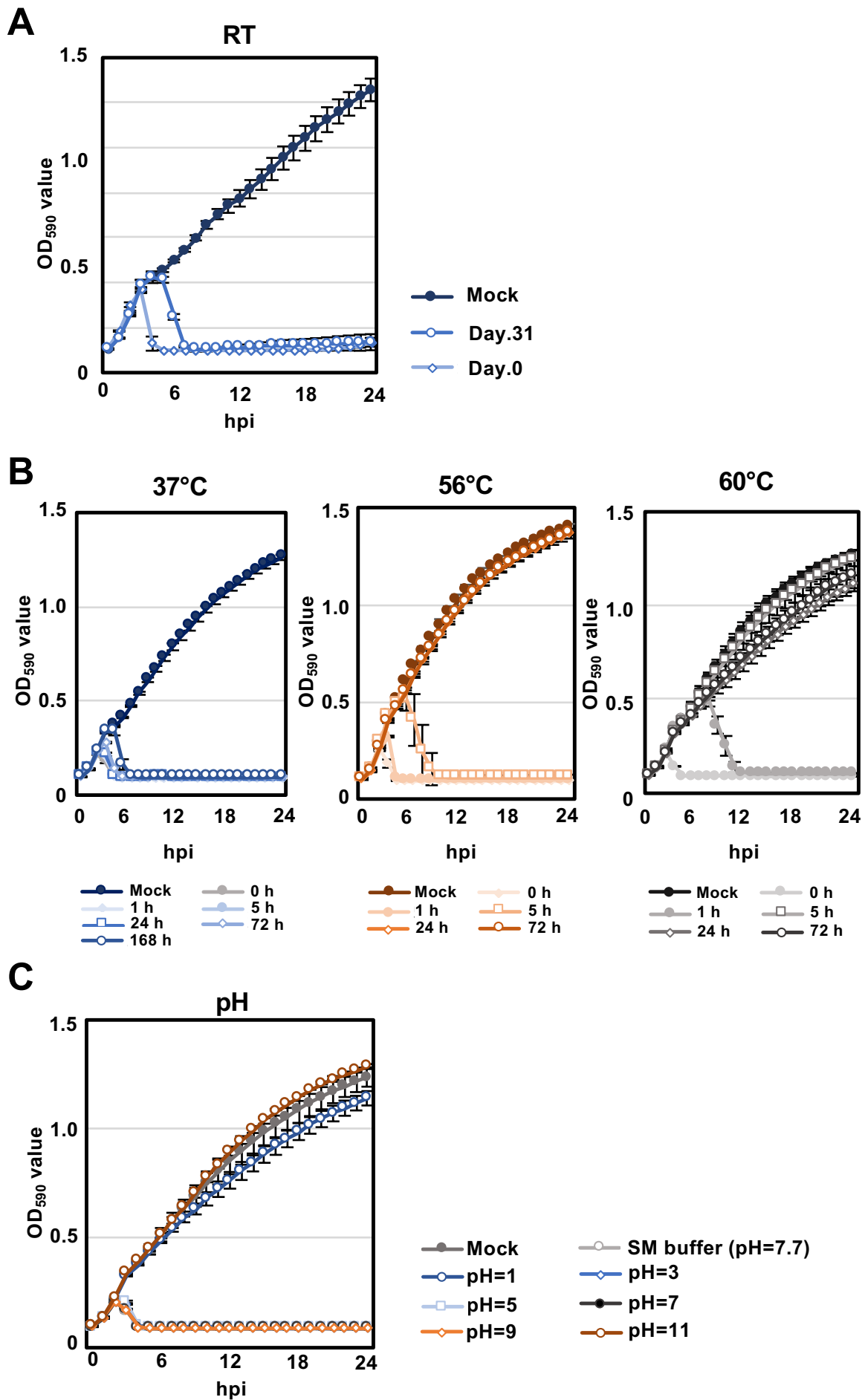


Figure.S1

Figure S1. Monitoring of Φ SA012 OD value after various environmental stimulations.

(A) Lytic curves of SA003 growing in the presence of Φ SA012 stored at room temperature and 4° C were obtained by monitoring the OD₅₉₀ until 24 hpi. The individual points in each lytic curve are presented as means \pm SD (n = 4). (B) Lytic curves of SA003 growing in the presence of Φ SA012 exposed to 37° C, 56° C, and 60° C for specific times were obtained by monitoring the OD₅₉₀ until 24 hpi. The individual points in each lytic curve are presented as means \pm SD (n = 4). (C) Lytic curves of SA003 growing in the presence of Φ SA012 exposed to different pH ranges were obtained by monitoring the OD₅₉₀ until 24 hpi. The individual points in each lytic curve are presented as means \pm SD (n = 4).

Figure.S2

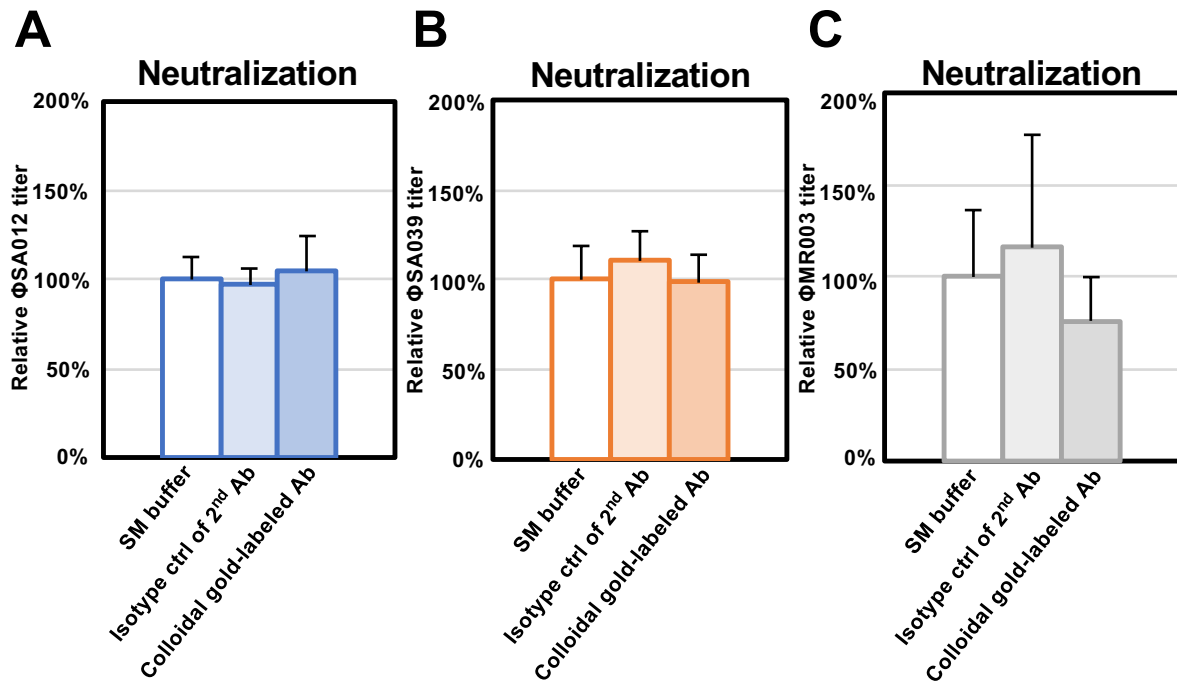


Figure S2. Effects of secondary and colloidal gold-labeled antibodies on phage plaque-forming activity.

(A) Effects of antibodies on the plaque-forming activity of Φ SA012. (B) Effects of antibodies on the plaque-forming activity of Φ SA039. (C) Effects of antibodies on the plaque-forming activity of Φ MR003. Titers of each phage are indicated as fold changes against the control (SM buffer treated) and presented as means \pm SD (n = 3). Significance against the control at each condition was analyzed by Tukey's test based on one-way ANOVA.