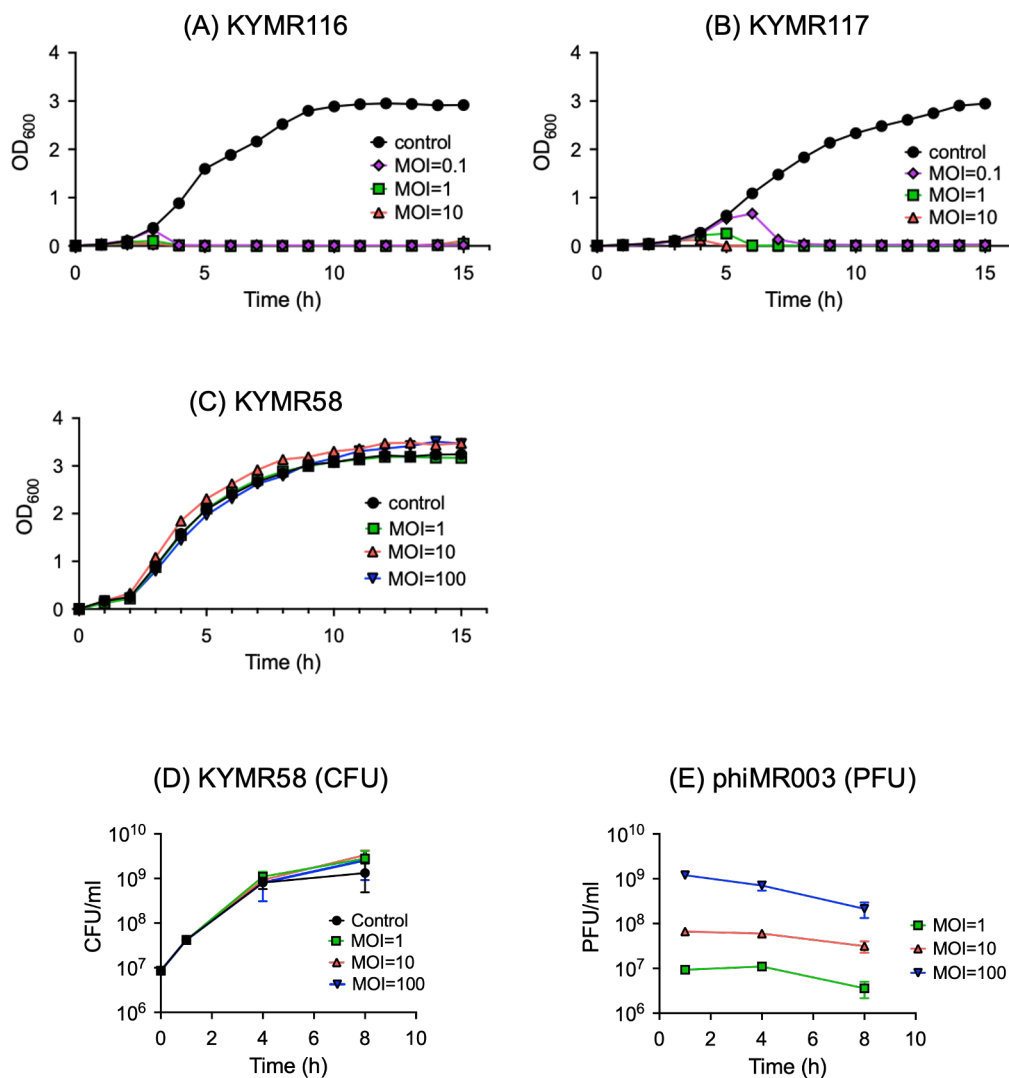


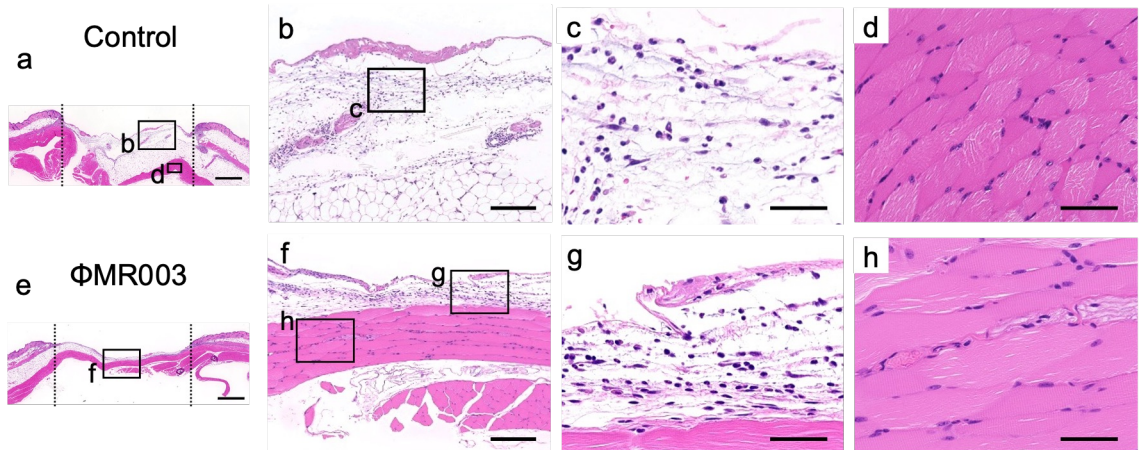
Supplemental Fig. S1



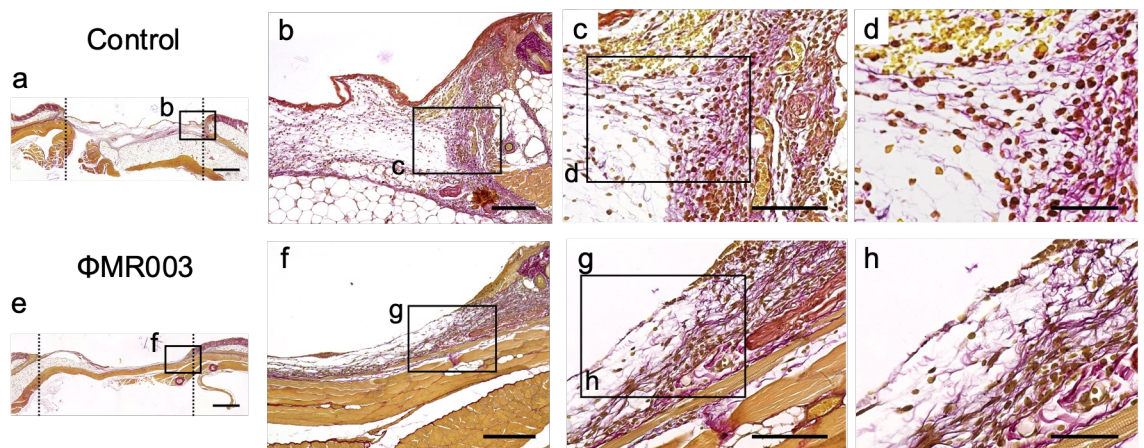
Supplemental Fig. S1 Sensitivity of MRSA strains to phiMR003. phiMR003 was added to the culture of KYMR116 (A), KYMR117 (B) and KYMR58 (C) at the MOIs indicated in the figure, and the turbidity (OD₆₀₀) was measured over time. Viable number of bacteria (D) and phiMR003 (E) in the culture of KYMR58 were determined at 1, 4 and 8 hours after the addition of phiMR003 by the plate method and plaque assay, respectively.

Supplemental Fig. S2

A



B



Supplemental Fig. S2 Micrographs of mouse wound skin tissues. After excision of dorsal mouse skin, SM buffer (control) or ϕ MR003 was administered to the wounds. Tissues were fixed with paraformaldehyde at 48 hours after administration and haematoxylin and eosin (A) and Elastica van Gieson (B) stained wound tissues are shown. Micrographs of a-f are the areas indicating with the squares a-f, respectively. (A). Scale bars, 1 mm in a and e, 200 μ m in b and f, and 100 μ m in c and g, and 50 μ m in d and h in (B).