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Supplemental Data

# Toll-Like Receptor 9 Enhances Bacterial Clearance and Limits Lung Consolidation in Murine Pneumonia Caused by Methicillin-Resistant *Staphylococcus aureus*

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**Supplementary Table S1**. *Tlr9*$^{-/-}$ mice showed increase in both macrophage and lymphocyte counts compared with Wt mice after 48 h.

| Timepoint | Group[a] | Macrophages[b] | Lymphocytes[b] |
|---|---|---|---|
| 6 h | Wt | 0.2 (0.3–0.5) | 0.1 (0.0–0.1) |
| | *tlr9*$^{-/-}$ | 0.2 (0.2–0.2) | 0.1 (0.1–0.2) |
| 24 h | Wt | 0.8 (1.7–3.3) | 0.4 (0.2–0.8) |
| | *tlr9*$^{-/-}$ | 2.0 (2.7–3.8) | 0.4 (0.3–1.7) |
| 48 h | Wt | 3.0 (1.6–3.6) | 0.5 (0.2–0.7) |
| | *tlr9*$^{-/-}$ | 4.6 (5.2–9.5)[c] | 1.3 (1.0–1.6)[d] |
| 78 h | Wt | 15 (21–35) | 5.0 (4.1–16) |
| | *tlr9*$^{-/-}$ | 19 (10.49) | 4.5 (1.9–12) |

[a]Wt and *tlr9*$^{-/-}$ mice were infected with $1 \times 10^7$ MRSA bacteria via intranasal inoculation and euthanized at the indicated time points thereafter.
[b]Macrophages and lymphocytes are reported per 10,000 cells per milliliter in BALF as the median, lower quartile and upper quartile ($n = 8$ mice per group at each time point).
[c]$p < 0.001$ versus Wt mice at the same time point.
[d]$p < 0.01$ versus Wt mice at the same time point.