Supplementary Materials: The role of Pseudomonas aeruginosa ExoY in an Acute Mouse Lung Infection Model

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Figure S1. Representative micrographs of ExoY/ExoY<sub>K81M</sub>-infected mouse lungs 2 h after infection. Standard H&E staining, scale bar = 100 μm.
Figure S2. Representative micrographs of ExoY/ExoY<sup>K81M</sup>-infected mouse lungs 8 h after infection. Standard H&E staining, scale bar = 100 μm.
Figure S3. Representative micrographs of ExoY/ExoY<sup>K81M</sup>-infected mouse lungs 48 h after infection. Standard H&E staining, scale bar = 100 μm. All mice infected with 108 cfu of ExoY had to be sacrificed because they met the pre-defined termination criteria.
Figure S4. Representative micrograph of mouse lungs (PBS control) 24 h after infection. Standard H&E staining, scale bar = 100 μm.
Figure S5. Expression of inflammatory cytokines in BAL-f of mice after infection with ExoYK81M and ExoY. The same data as presented in Fig. 3 are presented here with segmented ordinates in order to allow a better evaluation of the experimental groups infected with 10^8 cfu. Data represent the mean ± SD of n = 6 animals. Differences between ExoY infection doses (*), between ExoYK81M infection doses ($), and between ExoY and ExoYK81M of same infection dose (#) were considered significant, when p ≤ 0.05 (two-way-ANOVA with post-hoc Holm-Sidak correction).
Figure S6. Expression of inflammatory cytokines in BAL-f of mice after infection with ExoY\textsuperscript{K81M} and ExoY. The same data as presented in Fig. 4 are presented here with segmented ordinates in order to allow a better evaluation of the experimental groups infected with 108 cfu. Data represent the mean ± SD of n = 6 animals. Differences between ExoY infection doses (*), between ExoY\textsuperscript{K81M} infection doses ($), and between ExoY and ExoY\textsuperscript{K81M} of same infection dose (#) were considered significant, when p ≤ 0.05 (two-way-ANOVA with post-hoc Holm-Sidak correction).