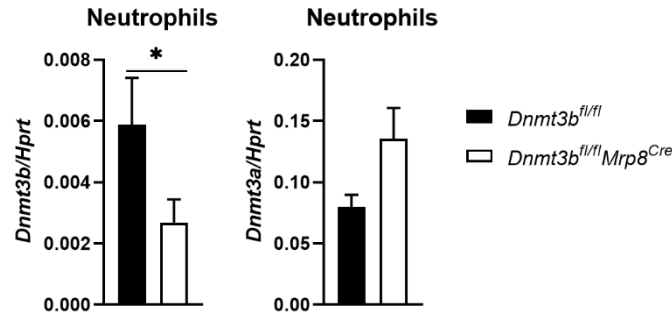
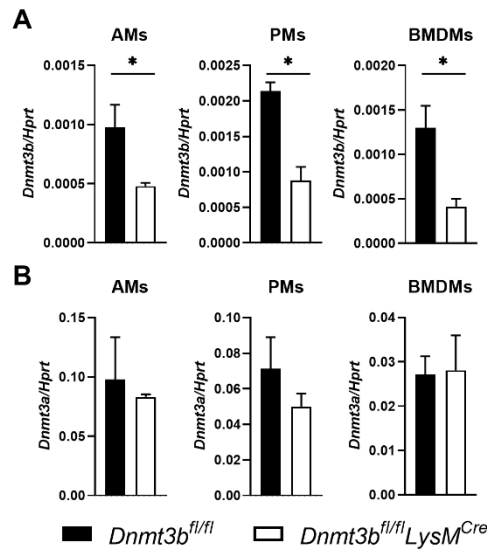


Supplementary Document

Supplementary Figure S1. Dnmt3b and Dnmt3a mRNA levels in neutrophils of *Dnmt3b^{fl/fl}Mrp8^{Cre}* mice and their littermate control mice (*Dnmt3b^{fl/fl}*). Data is shown as bar graphs with mean + SEM, n = 6. *p < 0.05



Supplementary Figure S2. Dnmt3b (A) and Dnmt3a mRNA levels (B) in alveolar macrophages (AMs), peritoneal macrophages (PM) and bone marrow-derived macrophages (BMDMs) of *Dnmt3b^{fl/fl}LysM^{Cre}* mice and their littermate control mice (*Dnmt3b^{fl/fl}*). Data is shown as bar graphs with mean + SEM, n = 6. *p < 0.05



Supplementary Figure S3. Myeloid cell Dnmt3b deficiency does not affect the host response during acute pneumonia caused by flagellin deficient *Pseudomonas aeruginosa*. Myeloid cell specific Dnmt3b deficient mice (*Dnmt3b^{fl/fl}LysM^{Cre}*) and littermate controls (*Dnmt3b^{fl/fl}*) were infected with viable flagellin deficient PAK (5×10^6 CFU) via the airways. 6 h after infection, (A) bacterial counts (colony forming units, CFU), (B) neutrophil numbers, (C) neutrophil CD11b expression, (D) myeloperoxidase (MPO), (E) elastase, (F) IL- β , IL-6 and TNF levels in bronchoalveolar lavage fluid (BALF) were determined. Data is shown as bar graphs with mean + SEM, n = 8.

