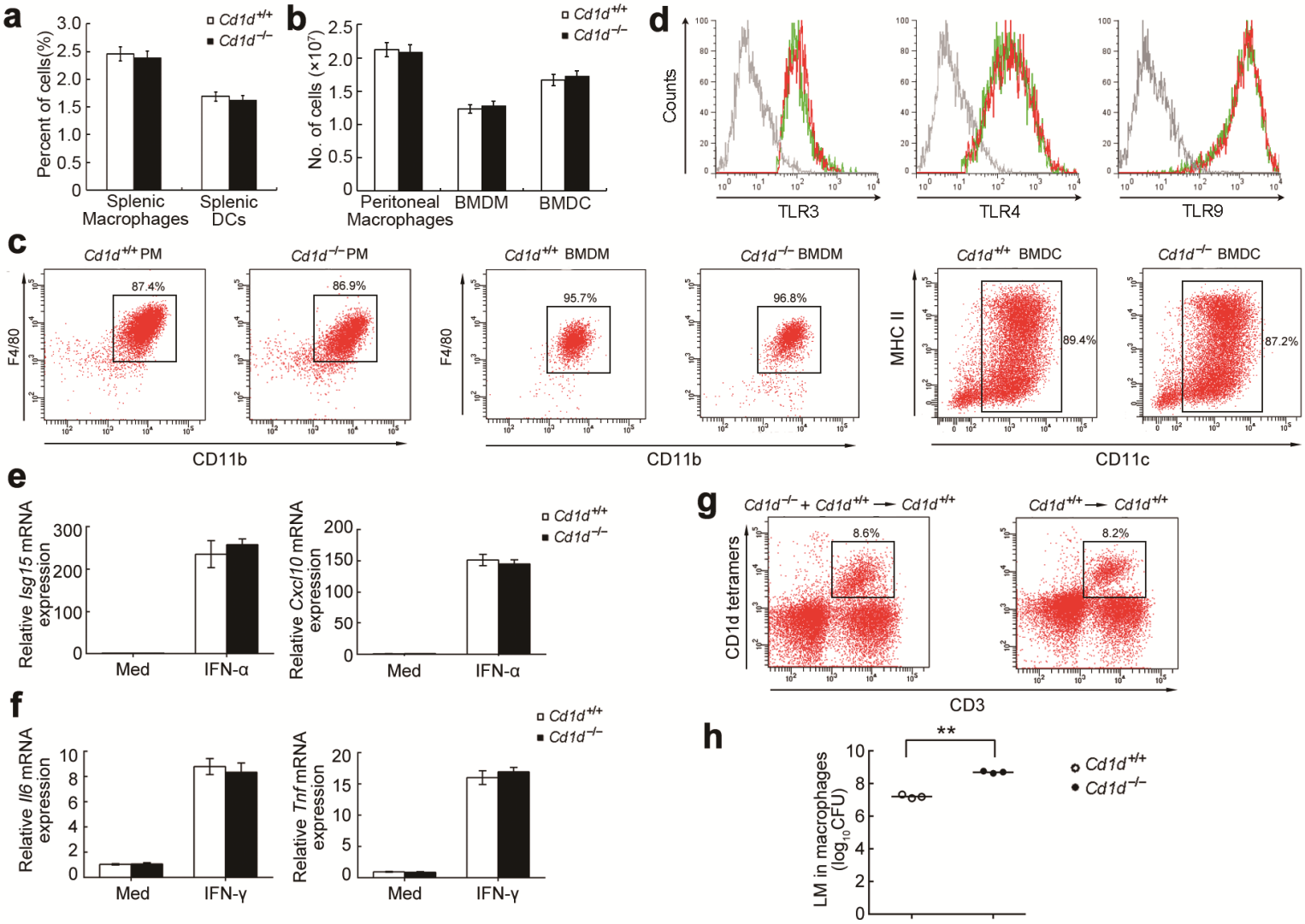

Supplementary information, Fig. S1 Normal myeloid cell differentiation in CD1d-deficient mice. **a** Flow cytometry analysis of the percentages of macrophages and DCs in splenocytes from *Cd1d*$^{+/+}$ or *Cd1d*$^{-/-}$ mice. **b** Analysis of absolute numbers of peritoneal macrophages, bone marrow-derived macrophages (BMDM) and bone marrow-derived DCs (BMDC) from *Cd1d*$^{+/+}$ or *Cd1d*$^{-/-}$ mice. **c** Flow cytometry analysis of expression levels of F4/80 and CD11b in peritoneal macrophages (PM) or BMDM from *Cd1d*$^{+/+}$ or *Cd1d*$^{-/-}$ mice, and expression levels of MHC II and CD11c in BMDC from *Cd1d*$^{+/+}$ or *Cd1d*$^{-/-}$ mice. **d** Flow cytometry

analysis of expression levels of TLRs on peritoneal macrophages from *Cd1d*$^{+/+}$ or *Cd1d*$^{-/-}$ mice (isotype control, light-gray line; *Cd1d*$^{+/+}$, red line; *Cd1d*$^{-/-}$, green line). **e** Q-PCR analysis of *Isg15* or *Cxcl10* mRNA expression in peritoneal macrophages from *Cd1d*$^{+/+}$ or *Cd1d*$^{-/-}$ mice stimulated with IFN-α (20 ng/ml) for 4 h. **f** Q-PCR analysis of *Il6* or *Tnf* mRNA expression in peritoneal macrophages from *Cd1d*$^{+/+}$ or *Cd1d*$^{-/-}$ mice stimulated with IFN-γ (20 ng/ml) for 4 h. **g** Lethally irradiated wild type mice were reconstituted with a 1:1 mixture of bone marrow cells from *Cd1d*$^{+/+}$ and *Cd1d*$^{-/-}$ mice or with bone marrow cells from *Cd1d*$^{+/+}$ mice alone. Eight weeks later, hepatic NKT cells were separated and analyzed by flow cytometry with CD1d tetramers and CD3 antibody. **h** Bacteria loads in peritoneal macrophages from *Cd1d*$^{+/+}$ or *Cd1d*$^{-/-}$ mice 12 h after infection of *Listeria monocytogenes* (MOI = 1). Data are from three independent experiments (**a**, **b**, **e**, **f**, **h**; mean ± SEM) or are representative of three independent experiments (**c**, **d**, **g**). $^{**}P < 0.01$ (Student's *t*-test). LM, *Listeria monocytogenes*.