

## SUPPLEMENTAL MATERIAL

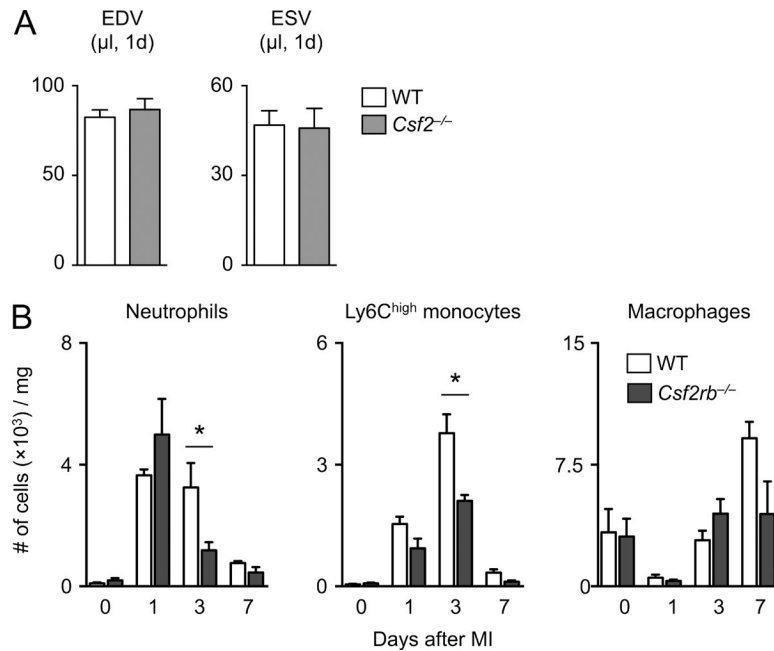
Anzai et al., <https://doi.org/10.1084/jem.20170689>

Figure S1. **Heart function and leukocyte quantification after MI.** (A) MRI-based quantification of end-diastolic and end-systolic volume (EDV and ESV, respectively) of WT and *Csf2<sup>-/-</sup>* mice 1 d after MI ( $n = 6-7$  per group from two independent experiments). (B) Flow cytometry-based quantification of indicated cells in the hearts of WT and *Csf2<sup>-/-</sup>* mice before and 1, 3, and 7 d after MI ( $n = 3-7$  per group from at least two independent experiments). \*,  $P < 0.05$ . Results are shown as mean  $\pm$  SEM.

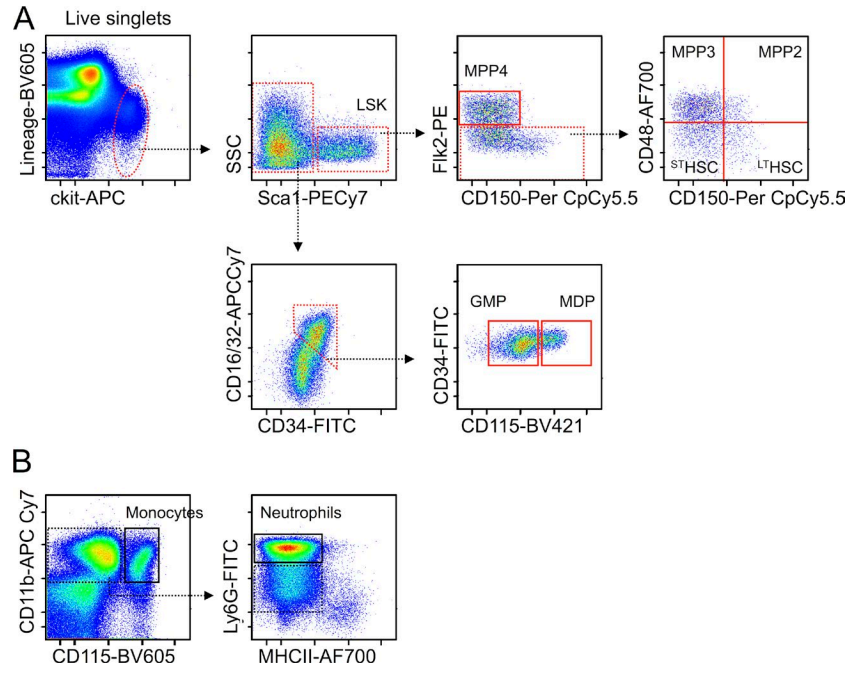


Figure S2. **HSPC gating strategies.** (A and B) Gating strategies of flow cytometric analysis for BM hematopoietic stem progenitors (A) and mature myeloid cells (B).

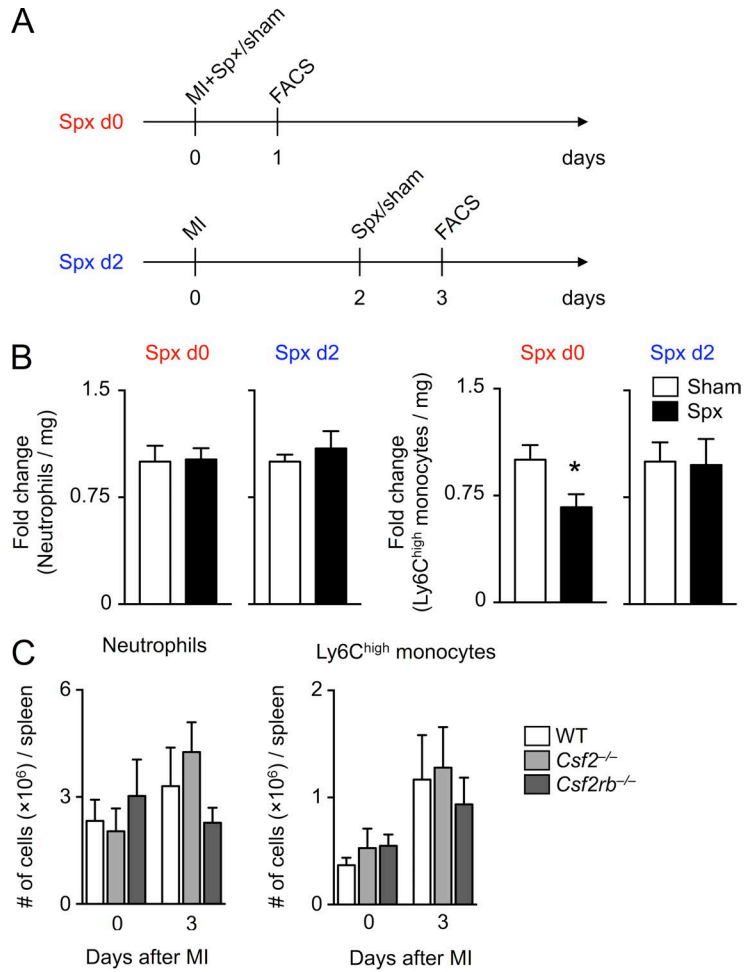


Figure S3. **Splenectomy experiments.** (A) Experimental design for splenectomy with MI at different time points. (B) Flow cytometry-based enumeration of neutrophils and Ly-6C<sup>high</sup> monocytes in the infarcted myocardium after splenectomy ( $n = 4-6$  per group from at least two independent experiments). \*,  $P < 0.05$ . (C) Quantification of splenic neutrophils and Ly-6C<sup>high</sup> monocytes in WT, *Csf2*<sup>-/-</sup>, and *Csf2rb*<sup>-/-</sup> mice before and 3 d after MI ( $n = 4-6$  per group from two independent experiments). Results are shown as mean  $\pm$  SEM.