



**Supplemental Figure 1.** Reduced frequency of CMPs in the bone marrow of Beclin 1<sup>-/-</sup> chimeric mice. (A) The frequency of Beclin 1-deficient ES cell-derived CMPs was determined based on the expression of Ly9.1. CMPs are defined as Lin<sup>-</sup>CD127<sup>-</sup>c-Kit<sup>+</sup> Sca-1<sup>-</sup> (23, 24). (B) Normal myeloid cell populations in the spleen of Beclin 1<sup>-/-</sup> chimeric mice. Single cell suspension from spleens of Beclin 1<sup>-/-</sup> and control chimeric mice were stained with indicated fluorescently-labeled antibodies and analyzed by flow cytometry. The experiments were repeated three times with similar results.