



Figure S2. *Tet2* loss leads to increased hematopoietic stem cell in mouse bone marrow

(a) The representative data of FACS analysis of wild type and *Tet2* knockout HSCs. The cells were stained with antibodies to lineage, Sca1 and c-Kit markers. The lineage negative population was gated first. Numbers indicate percent cells within Lin-c-Kit+Sca1+ gates.

(b) The representative FACS data of GFP+ population from wild type and *Tet2*^{-/-} mouse. The lineage, Sca1 and c-Kit markers were stained and gated first, then The GFP+ population from Lin-Sca1+c-Kit+ was compared between wild type and *Tet2*^{-/-} mouse.