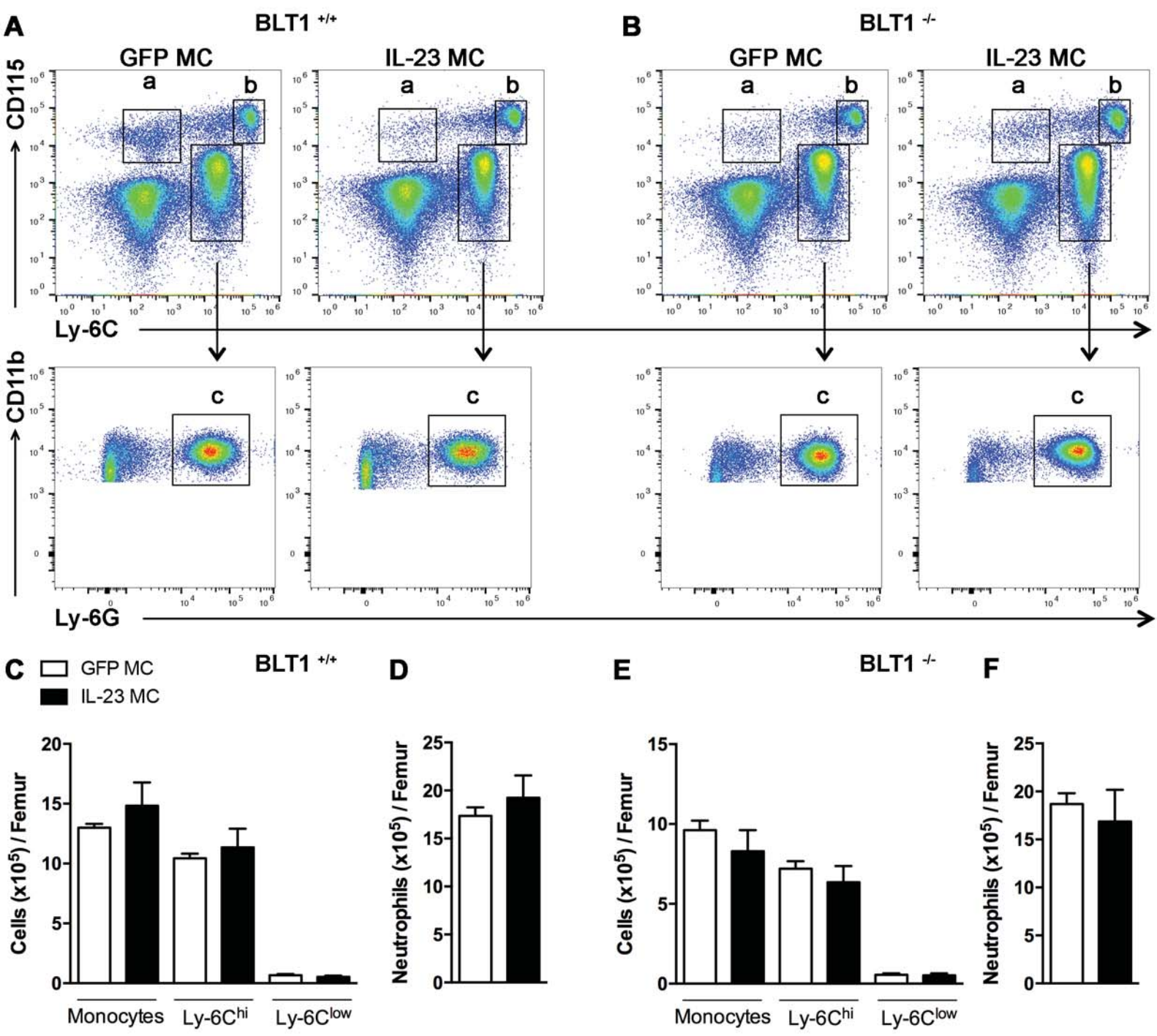
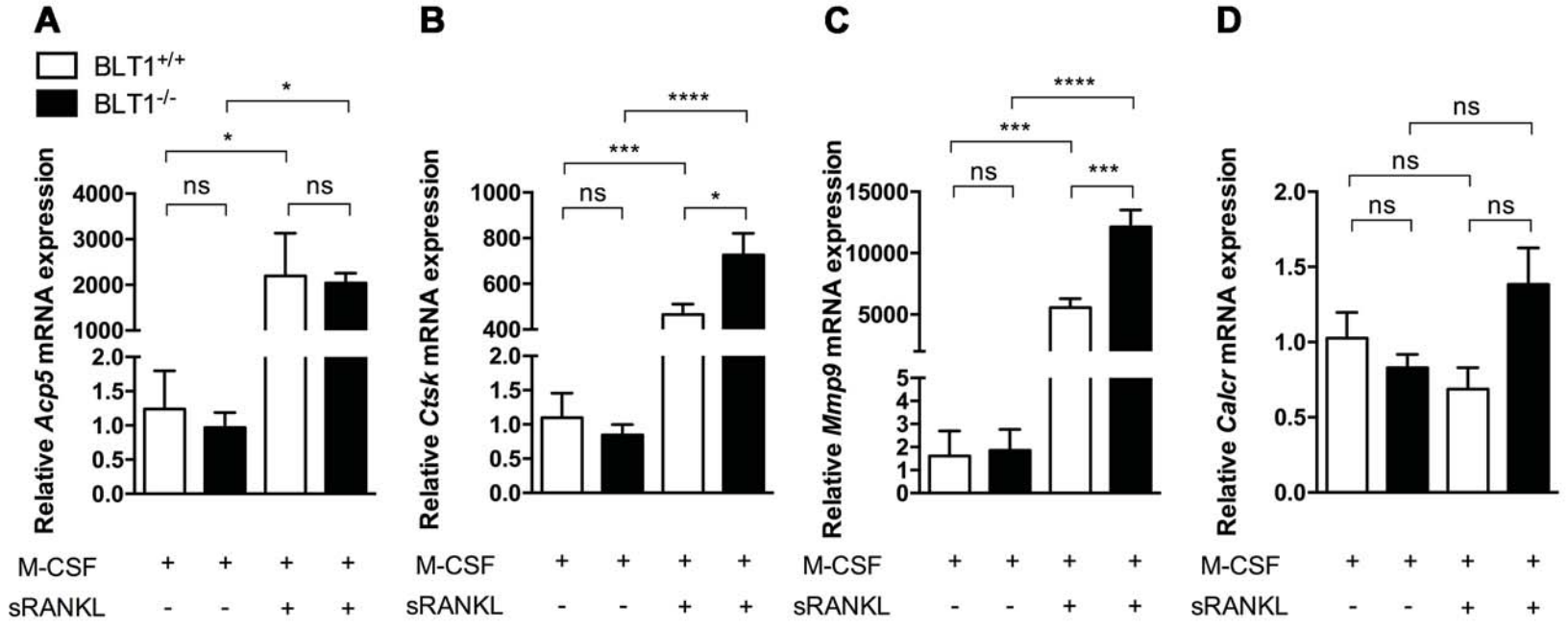


Supplemental Figure 1. Flow cytometric analysis of bone marrow cells derived from BLT1$^{+/+}$ and BLT1$^{-/-}$ mice stimulated with GFP or IL-23 MC.

Flow cytometric analysis of bone marrow cells from (**A**) BLT1$^{+/+}$ mice and (**B**) BLT1$^{-/-}$ mice injected with GFP or IL-23 MC. Cells are first visualized on FSC and SSC, followed by exclusion of doublets. Representative dot plots showing the gating strategy that was used to identify monocytes (upper row in **a** and **b**), Ly-6C^{low} (**a**) Ly-6C^{hi} (**b**) monocytes and neutrophils (lower row in **c**). (**C**) Absolute cell counts of bone marrow monocytes including Ly-6C^{high} and Ly-6C^{low} monocytes and neutrophils (**D**) in BLT1$^{+/+}$ mice after GFP (n=5) or IL-23 MC injection (n=6). (**E**) Absolute cell counts of bone marrow monocytes including Ly-6C^{high} and Ly-6C^{low} monocytes and neutrophils (**F**) in BLT1$^{-/-}$ mice injected with GFP MC (n=8) or IL-23 MC (n=6). All data are mean +s.e.m. *$p<0.05$,**$p<0.01$. Statistical analysis was performed using two-tailed Student's t-test.



Supplemental Figure 2. BLT1 deficient mice show increased osteoclast formation.
qRT–PCR expression analysis for the indicated genes during differentiation of BLT1$^{+/+}$ and BLT1$^{-/-}$ bone marrow cells into osteoclasts at day 2 after RANKL stimulation. Data are presented as a relative gene expression normalized to BLT1$^{+/+}$ M-CSF treated cells. n=3 mice per group. All data are shown as mean ± SEM. *p<0.05,**p<0.01, ***p<0.001, ****p< 0.0001 as determined by a one-way ANOVA with Tukey post hoc test.