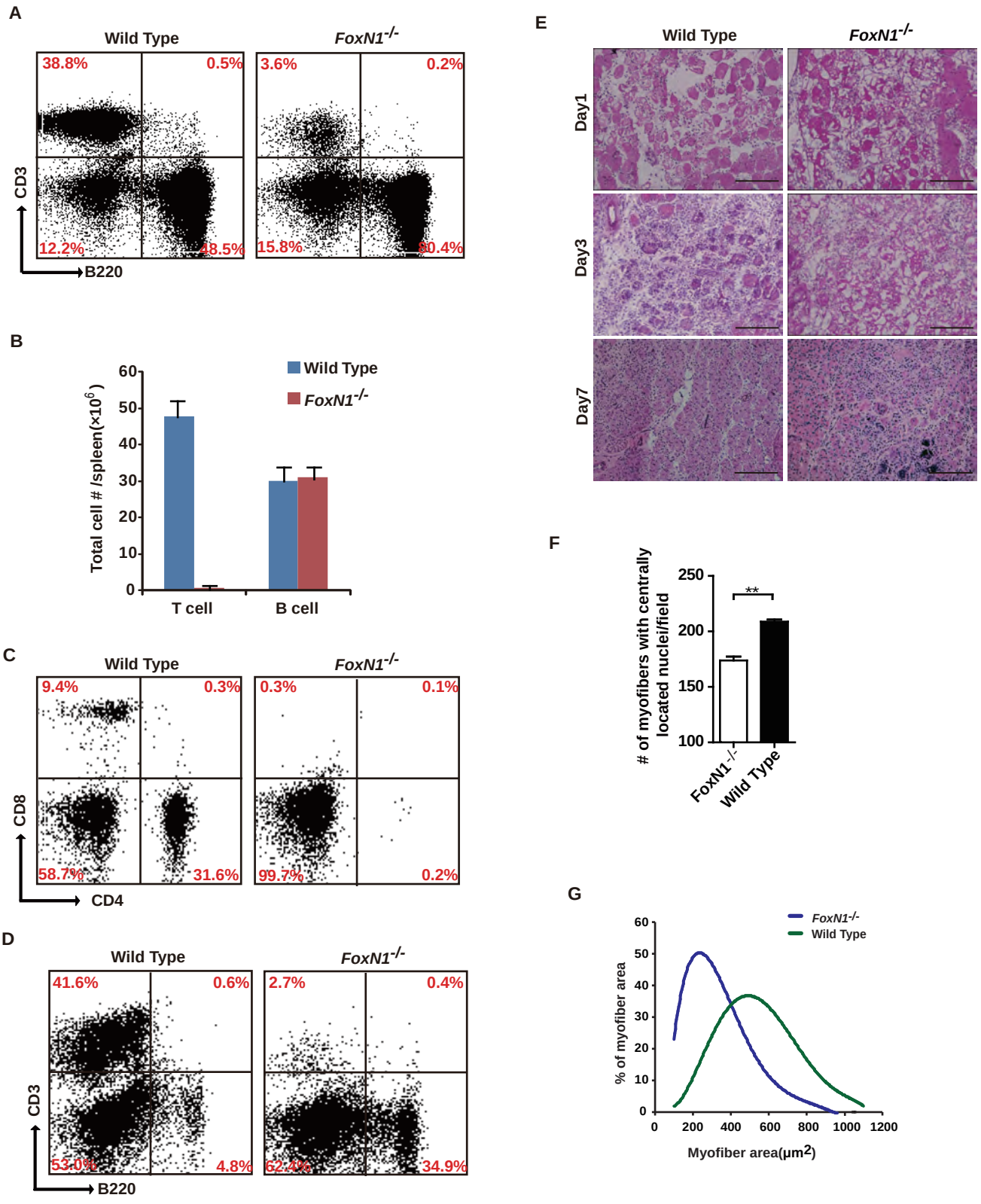

Figure S2. *FoxN1*$^{-/-}$ mice displayed muscle regeneration defects, Related to Figure 1

(A) FACS analysis of T (CD3$^+$) and B (B220$^+$) cell profiles in spleen from wild type or *FoxN1*$^{-/-}$ mice.

(B) Statistical analysis of T (CD3$^+$) and B (B220$^+$) cell numbers in spleen from wild type or *FoxN1*$^{-/-}$ mice. Error bars were based on 3 independent experiments.

(C) FACS analysis of CD4$^+$ and CD8$^+$ T cells infiltrated in TA muscles at day 3 post muscle injury in wild type or *FoxN1*$^{-/-}$ mice.

(D) FACS analysis of T (CD3$^+$) and B (B220$^+$) cell profiles in TA muscles day 3 post muscle injury in wild type or *FoxN1*$^{-/-}$ mice.

(E) HE staining of muscle tissue sections from wild type or *FoxN1*$^{-/-}$ mice 1, 3, and 7 days after muscle injury. Scale bars, 200μm.

(F) Statistical analysis of the number of myofibers with centrally located nuclei at day 7 post muscle injury in wild type or *FoxN1*$^{-/-}$ mice. ** indicated statistically significant, $p < 0.01$. Error bars were based on 3 independent experiments.

(G) Statistical analysis of the myofiber size 12 days post injury in wild type or FoxN1$^{-/-}$ mice. The distribution map of the different myofiber sizes was based on average of 3 independent experiments.