Appendix Figure 2. Automated gating of flow cytometry data ensured that the same cell population was analyzed in each sample harvested from the marrow and adipose tissue in the GFP⁺ recipients. At 6w, representative data for a bone marrow sample (A) identifies the two principal regions used in the analysis, R1 and R2. Phycoerythrin (PE) conjugated antibodies against an isotype control demonstrated a low-level of non-specific binding (B), but PE conjugated anti Sca-1 to specifically labels MSCs shows a preferential localization to R1 (C). FSC-H, is forward scatter, SSC-H, is side scatter. Also shown is the 19% reduction of GFP⁺ adipocytes to GFP⁺ MSCs (lower left), with 12% less weight of the epididymal fat pad of LMMS animals (lower right). * signifies p<0.05.