



**Figure S4.** Populations of GFP+ and RFP+ cells in mouse tissues and their contribution to tumors. *A*, as for tumors in Fig. 3C, viable WAT SVF cells and cells from other tissues (blue) were gated to identify RFP+ (Texas Red channel) and GFP+ (FITC channel) cells. The combined GFP+ and RFP+ cells were then gated to identify CD31+ and CD45+ cells. Finally, GFP+CD31-CD45- cells were gated to identify GFP +CD31-CD45-CD34+ cells (ASC in WAT). Shown is % of total GFP+ cells. *B*, enumeration of GFP+ and RFP+ cells in internal tumor areas based on the analysis of E0771 tumor sections from lean and obese GFP/RFP chimeras. Error bar: SEM.