Supplementary information

Title:

Fas mutation reduces obesity by increasing IL-4 and IL-10 expression and promoting white adipose tissue browning

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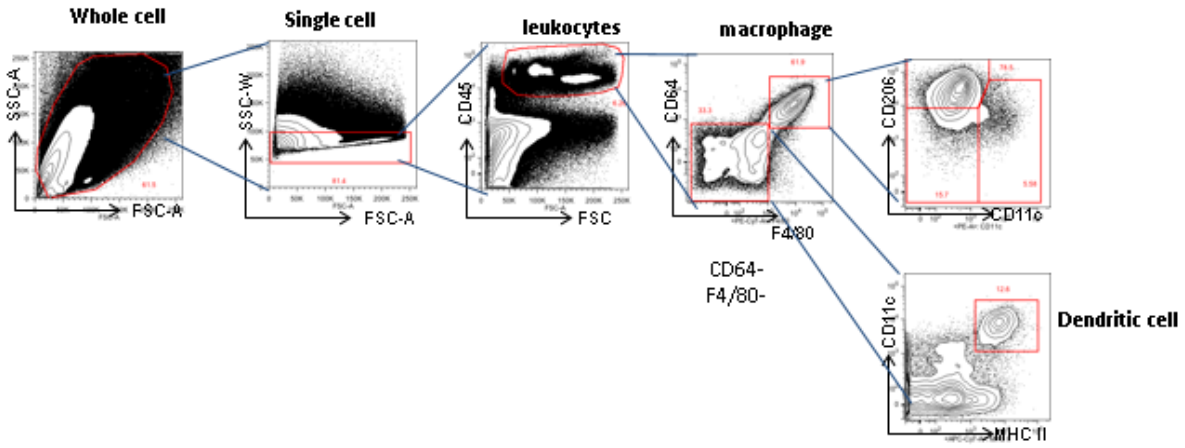
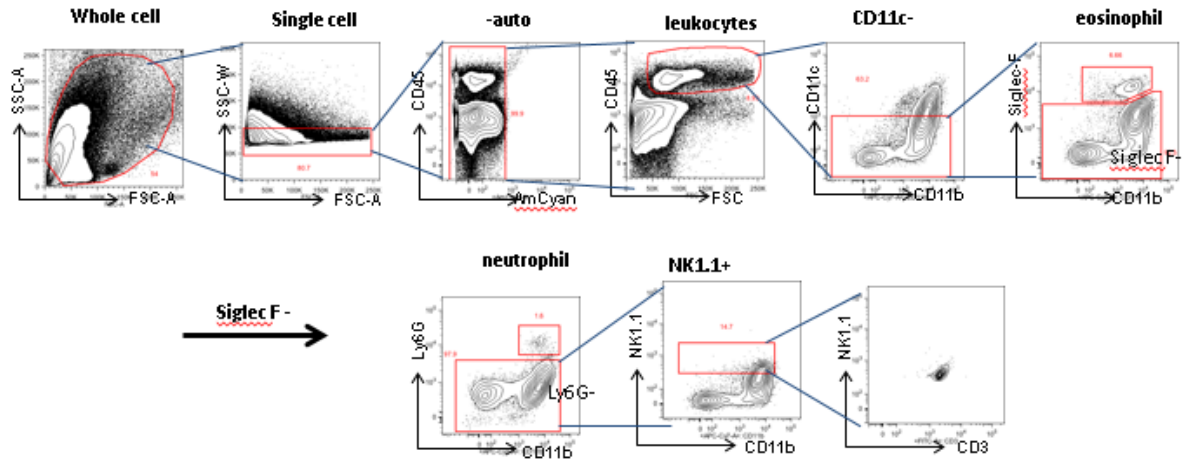
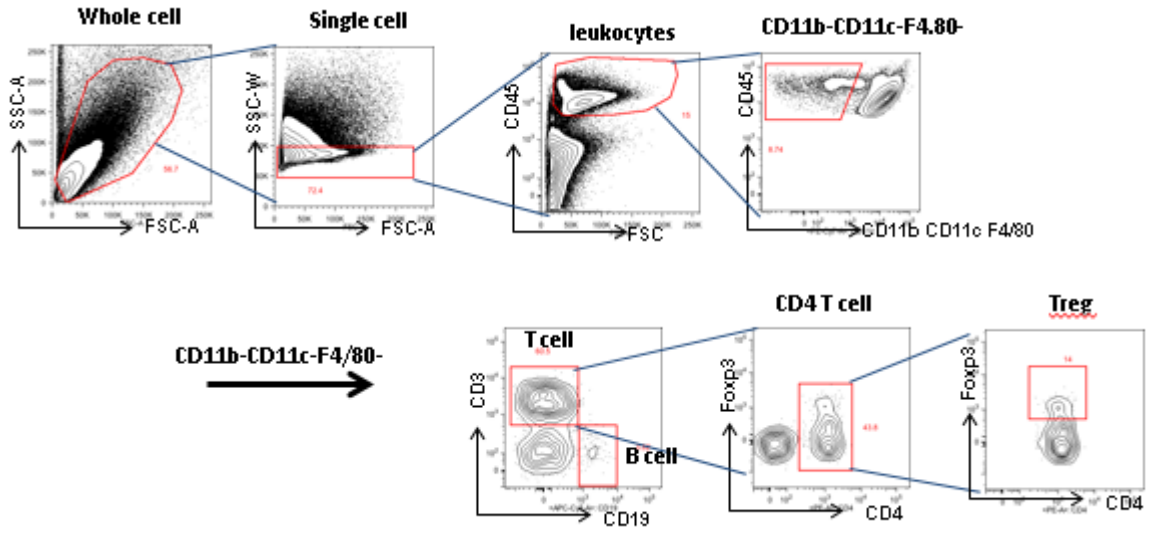


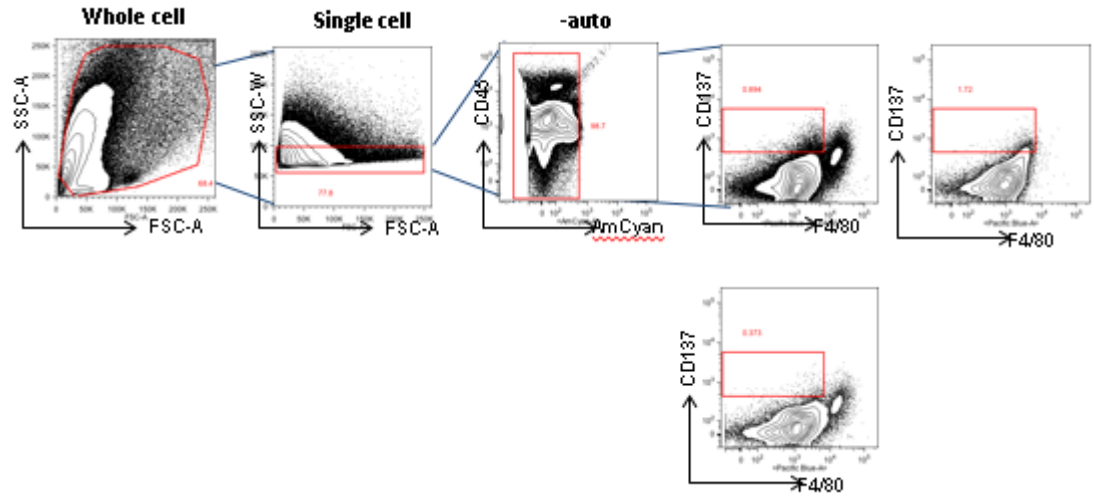
Supplementary Figure 1. A representative gating scheme of dendritic cell and macrophage populations in the epididymal white adipose tissues. For analysis of dendritic cell and macrophage populations, stromal vascular cells obtained from epididymal white adipose tissues were stained with FITC–conjugated anti-CD206, PE–conjugated anti-CD11c, PerCP–conjugated anti-CD45, PE-Cy7–conjugated anti-F4/80, APC–conjugated anti-CD64 and APC-Cy7–conjugated anti-MHC class II antibodies.



Supplementary Figure 2. A representative gating scheme of eosinophil, neutrophil, NK cell and NKT cell populations in the epididymal white adipose tissues. For analysis of eosinophil, neutrophil, NK cell and NKT cell populations, stromal vascular cells obtained from epididymal white adipose tissues were stained with FITC–conjugated anti-CD3, PE–conjugated anti-NK1.1, PerCP–conjugated anti-CD45, PE-Cy7–conjugated anti-CD11c, APC–conjugated anti-Ly6G and APC-Cy7–conjugated anti-CD11b and BV421–conjugated anti-Siglec-F antibodies.



Supplementary Figure 3. A representative gating scheme of T cell, B cell, Treg cell populations in the epididymal white adipose tissues. For analysis of T cell, B cell, Treg cell populations, stromal vascular cells obtained from epididymal white adipose tissues were stained with FITC–conjugated anti-CD3, PE–conjugated anti-CD4, PerCP–conjugated anti-CD45, PE-Cy7–conjugated anti-CD11b, CD11c, F4/80, APC–conjugated anti-Foxp3 and APC-Cy7–conjugated anti-CD19 antibodies.



Supplementary Figure 4. A representative gating scheme of F4/80- CD137+ cell populations in the epididymal white adipose tissues. For analysis of F4/80- CD137+ cell populations, stromal vascular cells obtained from epididymal white adipose tissues were stained with APC–conjugated anti-CD137 and Pacific blue–conjugated anti-F4/80 antibodies.