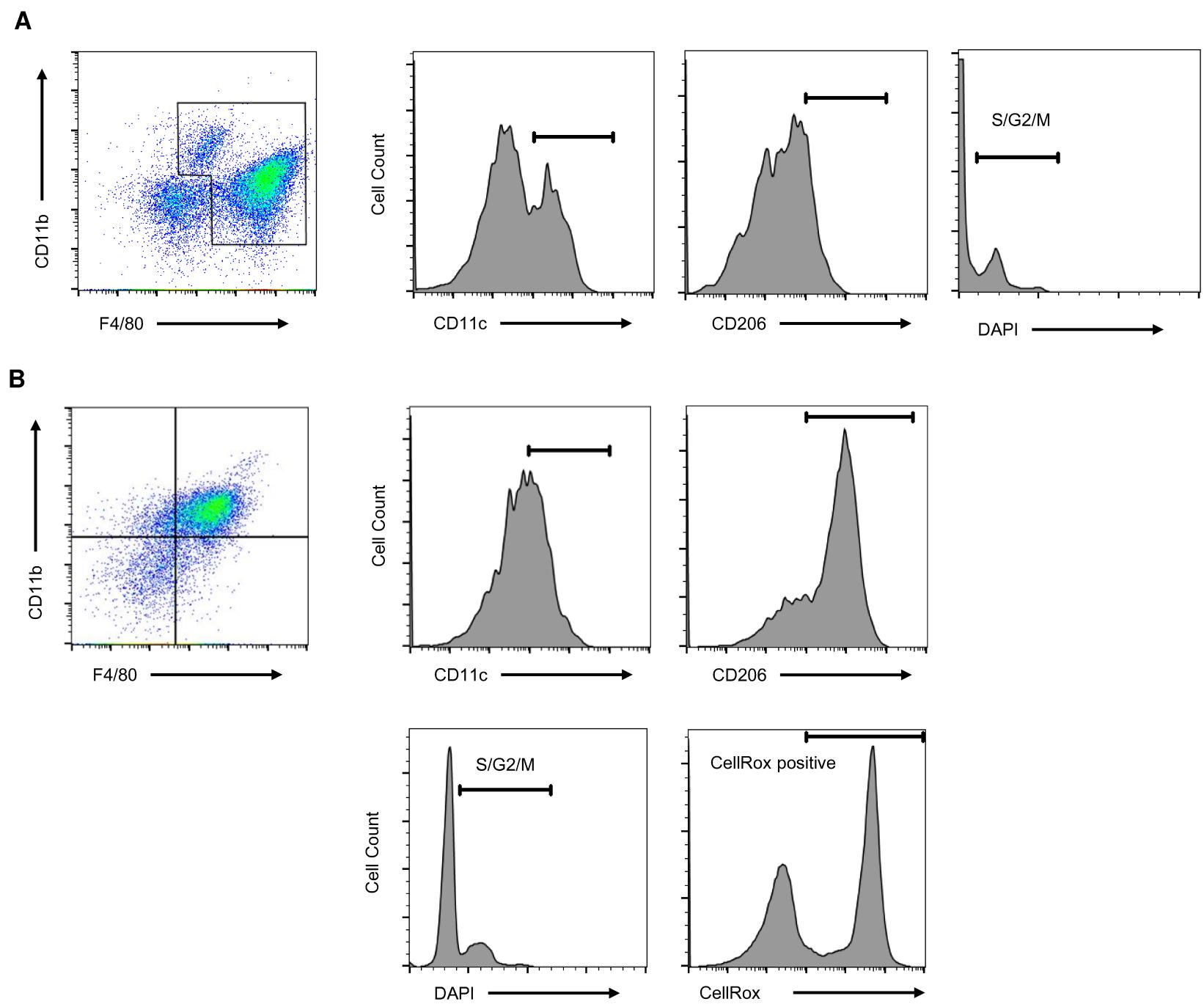


Supplementary Table 1. Primers for real-time PCR analysis

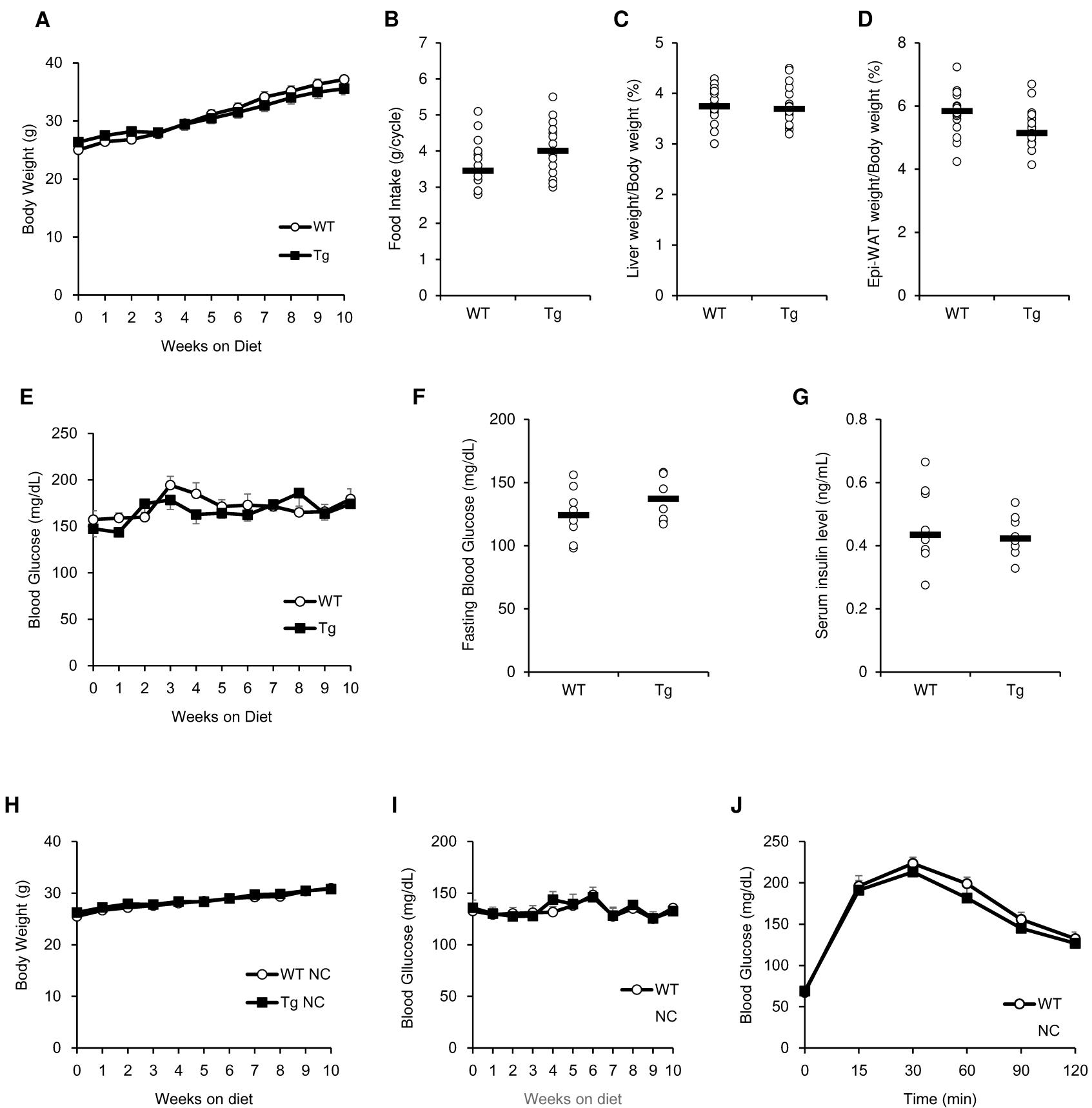
Gene	Forward	Reverse
F4/80	TCTGGGGAGCTTACGATGGA	TAGGAATCCCGCAATGATGG
CD68	GGACCGCTTATAGCCCAAGG	GCATTGTGGTGGGAGAAA
CD11c	GATGGCTCGGGTAGCATCAG	TGAGGACCTGGTGGCATCT
iNOS	ACTGGCCTCCCTCTGGAAAG	CTGCCAGATGTGGTCTTCC
CD206	TGATTACGAGCAGTGGAAAGC	GTTCACCGTAAGCCCAATT
CD204	AGGTCGAGGAAACCCAGGAG	CCCGTATATCCCAGCGATCA
Arginase-1	GCTGGAACCCAGAGAGAGCA	CCACAGACCGTGGTTCTTC
IL-6	CCATCCAGTTGCCTTCTTGG	TGCAAGTGCATCATCGTTGT
MCP-1	GGTCCCTGTCATGCTTCTGG	CCTTCTGGGTCAGCACAG
IL-1 β	ATCTCGCAGCAGCACATCAA	GCTCATATGGGTCCGACAGC
TNF- α	GGGACTAGCCAGGAGGGAGA	TGCCACAAGCAGGAATGAGA
IL-10	TAGAGCTGCGGACTGCCTTC	CTGCTCCACTGCCTTGCTCT
TGF- β 1	GGAAGGACCTGGTTGGAAG	GGACAAC TGCTCCACCTTGG
p22 ^{phox}	TGCCCTCCACTTCTGTTGT	CTGCCTCCTCTTCACCCTCA
p47 ^{phox}	TGGGCCATGTAGGAAATTG	TTCTTGCAATTGGGGATGG
p67 ^{phox}	GCAGTGGCCTACTTCCAGAG	CTTCATGTTGGTTGCCAATG
G6Pase	GCCAGAATGGGTCCACCTTG	TGCAGGAGGACCAAGGAAGC
PEPCK	TTTGCCATGCGACCCTTCTT	CTTCAATCCGCCAACATC
adiponectin	CAGGAAAGGAGAGCCTGGAG	AACGGCCTGTCCTTCTGA
collagen type1A1	ACGCATGGCCAAGAAGACAT	TGGGTCCCTCGACTCCTACA
α SMA	TCATCACCAACTGGGACGAC	GCAGGGCATAGCCCTCATAG
TIMP-1	TGGGGTGTGCACAGTGTTC	CAGTTTTCTGGGGAGG
18S	AGTCCCTGCCCTTGTACACA	CGATCCGAGGGCCTCACTA

Supplementary Figure1.



Supplementary Figure 1. Gating strategy for flow cytometry analysis. In this sample gating, cells were first gated for singlets (FSC-A vs. SSC-A). **(A)** Contour plots demonstrating the gating scheme for macrophages in the liver. Histograms show CD11c, CD206, and DAPI staining. **(B)** Contour plots demonstrating the gating scheme for macrophages in the epi-WAT. Histograms show CD11c, CD206, and DAPI staining. The last histogram shows CellRox Green fluorescence.

Supplementary Figure2.



Supplementary Figure 2. Characteristics of wild type and mac-p27Tg mice fed a high-fat diet. No differences in body weight increase (**A**), food intake (**B**), liver weight (**C**), epi-WAT weight (**D**), casual blood glucose (**E**), fasting blood glucose (**F**), or fasting serum insulin level (**G**) were observed between HFD-fed mac-p27Tg mice and their wild type littermates. No differences in body weight increase (**H**), casual blood glucose (**I**), and excursions of plasma glucose during IPGTT (**J**) were observed between chow-fed mac-p27Tg mice and their wild type littermates. A-E: n = 18 per group. F-J: n = 8 per group.