Suppl. FIG. 1. Central leptin administration increases SOCS3 and resistin expression in eWAT. The eWAT of rats (groups 1-3) infused for 7 days with central leptin (Lep) 0.2μg/day or vehicle (SS and PF) was removed and processed to analyze total protein content levels of SOCS3 (A) and resistin (B) in 70 μg of total extract using specific antibodies. Representative immunoblots are shown. The data were expressed as ratio of each protein after correction for β-actin. Densitometric results are the mean ± SEM of 3–4 rats per group (*p<0.05, **p<0.005). (C) Changes in SOCS3 and resistin mRNA levels in eWAT after central leptin treatment using 18S rRNA as the invariant control. The results are the mean ± SEM of 3–4 rats per group (*p<0.05, **p<0.005, ***p<0.001). SS, vehicle-infused ad libitum-fed rats; PF, vehicle-infused per-fed rats; LEP, leptin-infused rats.