Supplemental FIG. 1. Inhibition of MEK attenuates cytokine induction of 11β-HSD1.
Real-time PCR measurements of levels of mRNA encoding 11β-HSD1 in the adipocyte fraction of human lipoaspirate incubated with inhibitors of MEK 1/2 (0.5µM; PD0325901), JNK II (20µM; SP600125) or vehicle (Veh) for 1h, followed by treatment with IL-1α (black bars) or untreated (white bars). Values are mean±SEM of each condition tested 3 times. *, P<0.05 vs vehicle IL-1α-treated adipocytes. Daggers indicating others significant differences were omitted for clarity of the graph.
Supplemental FIG. 2. Metformin and AICAR attenuate IL-1α induction of 11β-HSD1 in primary adipocyte fractions.

Real-time PCR measurements of levels of mRNA encoding 11β-HSD1 in primary adipocyte fractions pre-treated 1h with metformin (1mM; A) and AICAR (500µM; B) followed by induction with IL-1α (black bars) or vehicle (white bars) for 24h. 11β-HSD1 mRNA levels are expressed relative to levels in vehicle controls (arbitrarily set to 1). Values are mean±SEM of each condition tested 3-6 times. #, P<0.05 and ##, P<0.001 vs untreated cells (white bars). *, P<0.05 and **, P<0.001 vs IL-1α-treated cells.