

Figure legends (Supplemental)

Figure S1. Western blot evaluation of 12-lipoxygenase expression in adipose tissue from obese Zucker rats. Representative blot showing the 12-LO band of expected molecular weight (75KD) and bottom gel showing the actin band on the same gel after stripping and re-probing the upper blot.

Figure S2. Evaluation of 12-LO and 5-LO mRNA expression in adipocytes and stromal vascular fraction isolated from adipose tissue of obese Zucker rats. Real time RT-PCR measurements of 12-LO and 5-LO mRNA in adipocytes and stromal vascular fraction. The fold changes were measured relative to adipocytes and calculated with the $2^{-\Delta\Delta CT}$ method. The data were normalized to 18S rRNA. The data are representative of 5 rats/group and P values indicates that value are statistically significantly different ($P < 0.001-0.05$) when compared to adipocytes.