

Additional data file 4. Expression profiling of selected PPAR target genes. Real-time quantitative PCR was used to determine the inducibility of the mRNA expression of the indicated eight PPAR target genes, relative to the control gene *RPLP0*, in HEK293 (A-C) and HepG2 (D-F) cells. Please note that the *APOC3* gene is not expressed in HEK293 cells. The cells were stimulated for 2, 4 and 6 h with 100 nM of the PPAR α ligand GW7647 (A and D), 100 nM of the PPAR γ ligand rosiglitazone (B and E) or 100 nM of the PPAR β/δ ligand GW501516 (C and F). Columns represent the means of at least three independent treatments and the bars represent standard deviations. Two-tailed Student's t-tests were performed to determine the significance of the mRNA induction by PPAR agonists in reference to solvent controls (* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$).

