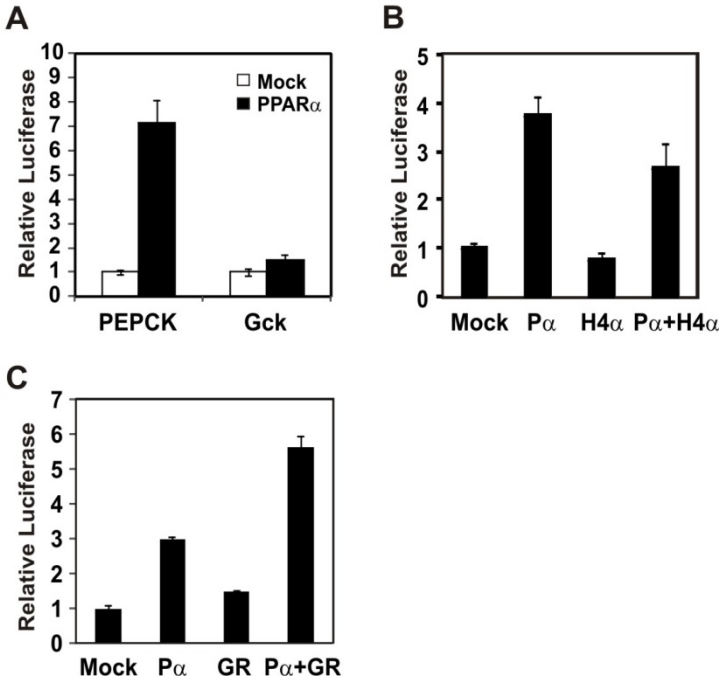
Supplementary Figure 2.



Supplemental figure 2. Promoter activities of PEPCK, Gck and G6Pase. *A*, Effect of PPARα on the promoter activities of the PEPCK and glucokinase (Gck) genes. HepG2 cells were transiently co-transfected with firefly luciferase fusion genes containing the human PEPCK promoter (-599/-61 bp) or human Gck promoter (-1000/+158 bp), with PPARα expression vector. After 24 h, the media were replaced with those containing Wy14,643 (20 μM) and incubated for 24 h. Luciferase activities were normalized to Renilla activity. Results represent the means ± S.E. of five experiments with triplicate samples. *B*, Effect of PPARα or/and HNF-4α on the promoter reporter activities of G6Pase gene in HepG2 cell. HepG2 cells were transiently co-transfected with firefly luciferase fusion genes containing the mouse G6Pase promoter (-1188/+66), with PPARα expression vector or/and HNF-4α and Wy14,643. *C*, Effect of PPARα or/and GR on the promoter reporter activities of G6Pase gene in HepG2 cell. HepG2 cells were transiently co-transfected with firefly luciferase fusion genes containing the mouse G6Pase promoter (-1188/+66), with PPARα expression vector or/and GR and Wy14,643 or/and dexamethasone.