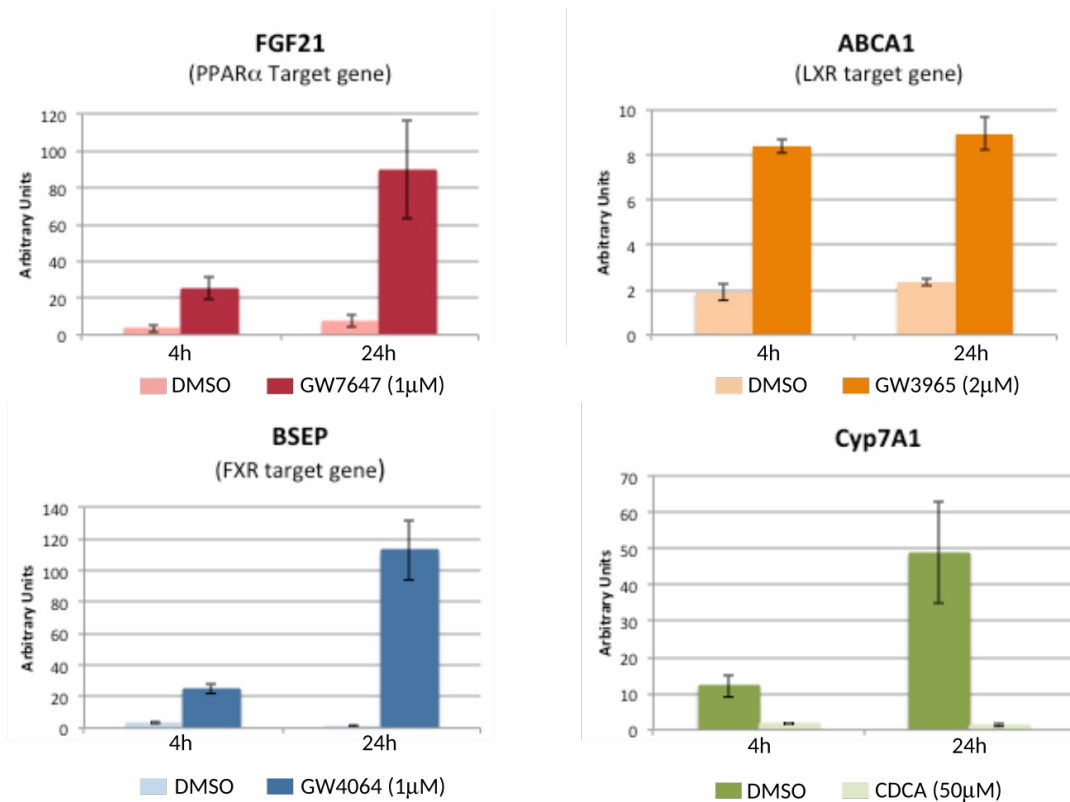
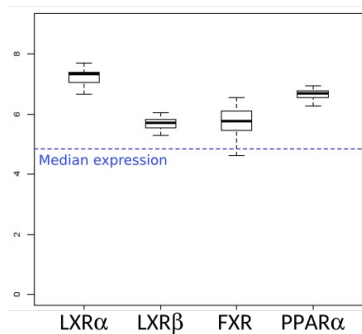
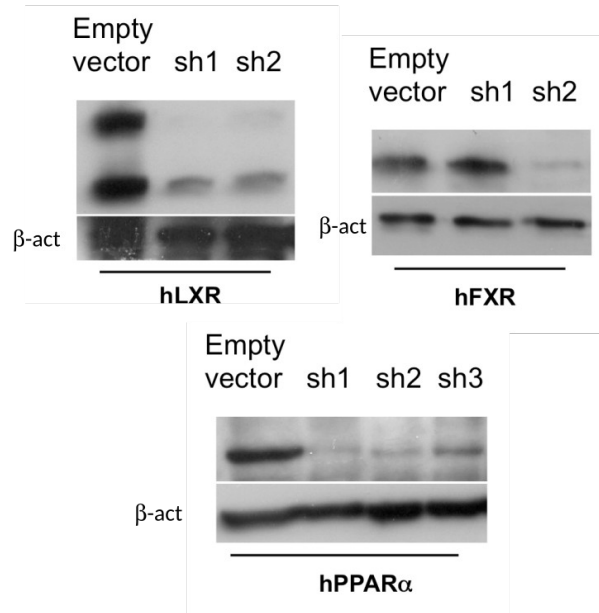


A**B**

Relative gene expression levels in HepaRG (Affimetrix array)

**C**

S1 Fig. Expression and activity of LXR, FXR and PPAR in HepaRG cells.

(A) Treatment of differentiated HepaRG cells by specific agonists for PPAR α (top left), LXR (top right), and FXR (bottom left), and by the natural FXR agonist CDCA (bottom right), or by the vehicle (DMSO), as indicated. The response of a well-characterized target gene for each of the receptor, indicated at the top of each panel, has been assessed by qPCR. All cultures have been performed in three biological replicates. (B) Relative levels of LXR α , LXR β , FXR, and PPAR α expression at mRNA levels, as evaluated by microarrays. Each box-plot is generated from the values observed in the total of 36 microarrays performed in the study. (C) Western-blot performed with HepaRG cellular extract, following infection with a control adenovirus (Empty vector) or an adenovirus expressing an anti-sense RNA (sh) for LXR, FXR or PPAR α , as indicated. The specific antibodies against LXR, FXR, and PPAR α identify the band specific for each receptor. β -actin is used as loading control.