



**Supplemental Fig. 1S.** A direct interaction network (Ekins, 2006; Ekins et al., 2005)

around the ligands (ovals) and endogenous compounds with the nuclear hormone receptors PXR (NR1I2), CAR (NR1I3), FXR (NR1H4), LXRA (NR1H3), and VDR (NR1I1) (rectangles) in human using IPA 8.0 (Ingenuity Systems, Redwood City, CA, USA).

## References:

- Ekins, S., 2006. Systems-ADME/Tox: resources and network approaches. *J. Pharmacol. Toxicol. Methods* 53, 38-66.  
 Ekins, S., Kirillov, E., Rakhmatulin, E.A., Nikotskaya, T., 2005. A novel method for visualizing nuclear hormone receptor networks relevant to drug metabolism. *Drug Metab. Dispos.* 33, 474-481.