



Figure S3. Validation of experimental system for LA candidate gene identification I.

GC/MS chromatogram and immunoblot (inset) showing HNF4 α immunoprecipitated (IP) from human hepatocellular carcinoma cells (Hep3B) cells after a 60-hr incubation in serum free media (DMEM plus fatty acid-free BSA) in the absence (DMSO) or presence of 30 μ M linoleic acid (LA). Inset: IN, input; UB, unbound; BD, bound. See main text for details on methods. The results show that these tissue culture conditions can effectively decrease the amount of LA bound to HNF4 α protein.