



**Supplemental Fig. S2.** Sodium-dependent glucose cotransporter 2 (SGLT2) inhibition during serum deprivation decreases cell proliferation but does not induce cell death. HepG2 cells pre-transfected with 50 nM SGLT2 small interfering RNA (siRNA) are cultured in serum-free Dulbecco's modified Eagle's medium (25 mmol/L glucose) for 16 hours and then in media supplemented with (serum supplementation) or without (serum deprivation) 10% fetal bovine serum for 8 hours. (A) Expression levels of phosphorylated-extracellular signal-regulated kinase (p-ERK), phosphorylated-c-Jun N-terminal kinase (p-JNK), proliferating cell nuclear antigen (PCNA), and cleaved caspase 3 are analyzed using Western blotting. (B) Cell viability was measured using Cell Counting Kit-8 assay. Scr, scrambled. <sup>a</sup> $P < 0.05$  and <sup>b</sup> $P < 0.01$  when compared with the serum-free control cells.