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Supplementary Figure 1 A xenograft tumor model was established using the Huh7 cells, followed by treatment with sorafenib and/or physcion. A: Images of tumor were captured; B: Tumor weight was measured; C: The expression of Ki67 in tumor tissues was analyzed by immunohistochemical staining. ^a*P* < 0.01 vs Cont group; ^b*P* < 0.05 vs Cont + phy group. Cont: Control; SF: Sorafenib; phy: Physcion.

Cont



Cont + SF



Cont + phy

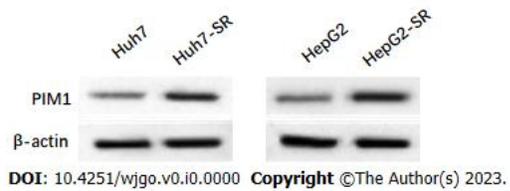


Cont + SF + phy



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Supplementary Figure 2 A xenograft tumor model was established using the sorafenib-resistant Huh7 cells, followed by treatment with sorafenib and/or phycion. The images of tumors were shown. Cont: Control; SF: Sorafenib; phy: Phycion.



Supplementary Figure 3 The protein level of PIM1 in Huh-7, HepG2, Huh7-SR and HepG2-SR cells was detected by western blotting assay.