Electronic Supplementary Information

Chloroquine exacerbates serum withdrawal-induced G\(_1\) phase arrest via an autophagy-independent mechanism

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**Fig. S1** The effect of CQ and Atg5 knockdown on G\(_1\) phase arrest induced by serum withdrawal in HeLa and 293T cell lines. (A) Cell cycle distribution analysis. HeLa cells were subjected to normal culture medium or serum-deprived medium for 24 h, in the absence or presence of 20 µM CQ. (B) Cell cycle distribution analysis. After transfection with siNC or siAtg5, HeLa cells were exposed to serum-deprived medium for 24 h, in the absence or presence of CQ. (C) Cell cycle distribution analysis. 293T cells were subjected to normal culture medium or serum-deprived medium for 24 h, in the absence or presence of 20 µM CQ. (D) Cell cycle distribution analysis. After transfection with siNC or siAtg5, 293T cells were exposed to serum-deprived medium for 24 h, in the absence or presence of CQ. Flow cytometry was used to analysis cell cycle distribution.