



Fig. S1. (A) U2OS cells transiently expressing RFP, survivin-RFP or survivin^{F61A,L64A}-RFP, and LC3-GFP were treated with RAP (200 nM) and CQ (120 μ M) for 2h then imaged live. Mean number of GFP-LC3 puncta per cell was assessed per condition, n>35 cells, 3independent experiments. All error bars indicate SEM. **P<0.005, ****P<0.0001. (B) Living U2OS cells stably expressing GFP or survivin-GFP were incubated with Lysotracker Red to highlight acidic compartments, and CQ (120 μ M), for 2h. Mean number of acidic puncta per cell was measured, n>30 cells, 3 independent experiments. Error bars indicate SEM. **P<0.005, ****P<0.005, ****P<0.0001. (C) Representative images of live U2OS cells transiently expressing RFP, survivin-RFP or survivin^{F61A,L64A}-RFP and LC3-GFP treated with RAP (200 nM) and CQ (120 μ M) for 2h. n>35 cells, 3 independent experiments.