

Treatment	HeLa cell viability (%mean of control cells \pm S.E.M)	Huh7 cell viability (%mean of control cells \pm S.E.M)
Arf1 siRNA	106.6 \pm 2.7	ND*
GBF1 siRNA	118.5 \pm 3.9	ND*
PI4KIII β siRNA	115.0 \pm 4.5	98.5 \pm 2.5
PI4KIII β -KD	105.7 \pm 10.6	103.3 \pm 1.4
Sac1	102.8 \pm 12.4;	97.3 \pm 1.9
PI4KIII β KD + Sac1	114.4 \pm 10.0	101.4 \pm 1.6
PIK93 (500nM)	102.8 \pm 3.1	92.3 \pm 1.7
Sar1[T39N]	115.1 \pm 9.5.	ND*

***ND: not determined**

Table S1. Related to Figures 1 and 5. A summary of cell viability under various siRNA treatment and transient plasmid expression conditions. Cell viability measured by Celltiter glo viability assays.