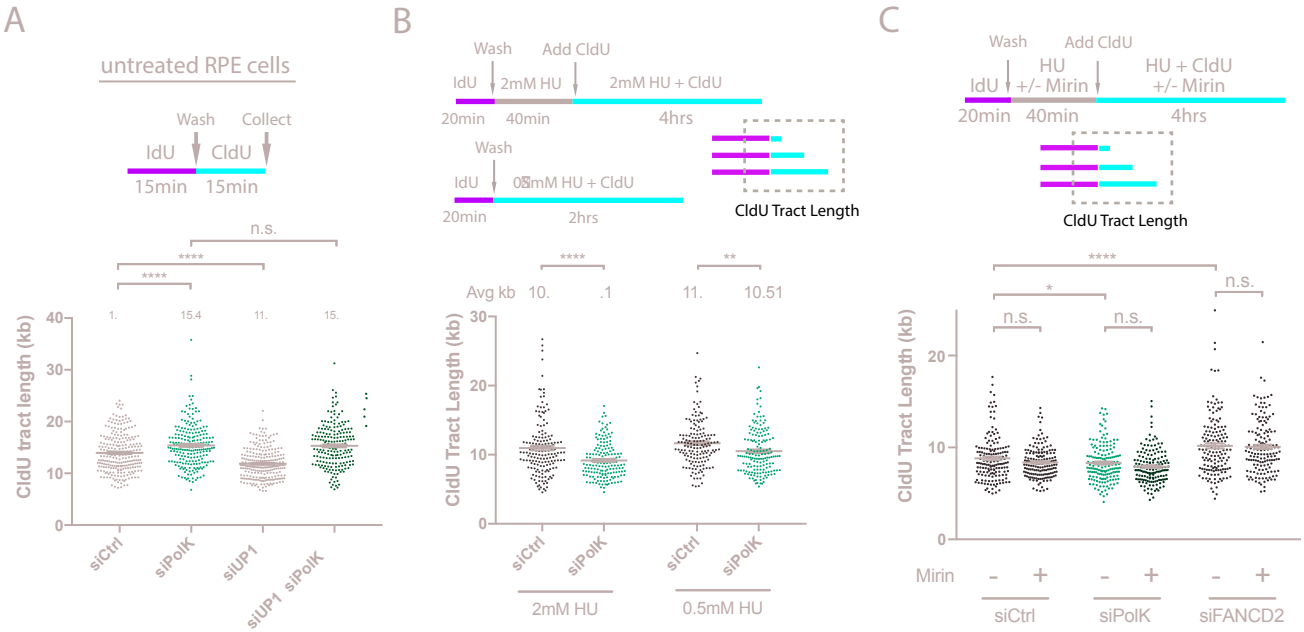
Figure 5-figure supplement 1



Mirin treatment does not affect replication fork speed in either PolK or ANCD2-depleted RPE-1 cells. (**A**) Quantification of unperturbed replication fork speed CldU tract length (per 15 min labeling time) as measured by DNA fiber analysis in RPE cells treated with the indicated siRNAs. Notably, the depletion of PolK slightly increased the fork speed, and rescues the slow speed observed after USP1 depletion. Significance was determined by Mann-Whitney t-test. (**B**) Quantification of replication fork speed (CldU tract length) by DNA fiber analysis in RPE cells treated with the indicated siRNAs and different doses of HU. Significance was determined by Mann-Whitney t-test. (**C**) Quantification of replication fork speed as done in (**B**) except RPE cells were treated with 50μM Mirin for the indicated times in the presence of HU. Significance was determined by Mann-Whitney t-test.
n.s. = no significance, * = $p < 0.05$, ** = $p < 0.01$, *** = $p < 0.001$, **** = $p < 0.0001$