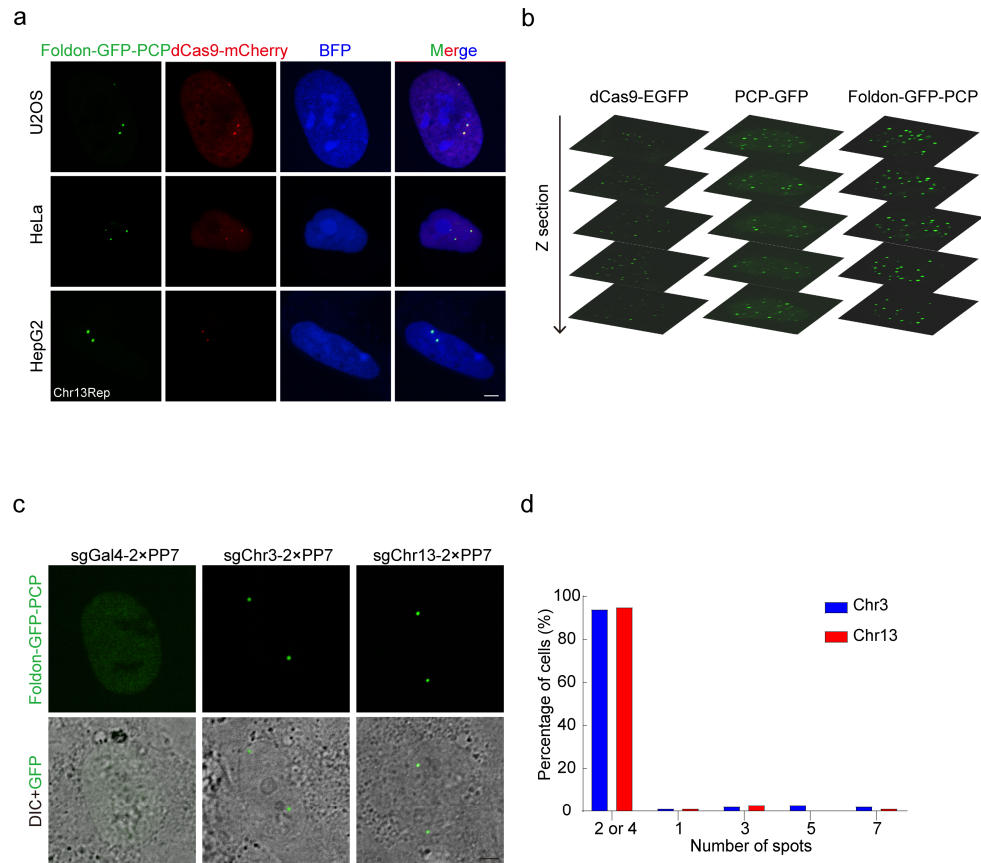




Supplementary Figure 1 Trimeric foldon-GFP-PCP enables robust repetitive genomic loci tracking by CRISPR FISHer in multiple cell lines. (a) Dual-color CRISPR imaging showing colocalization of foldon-GFP-PCP (green) and dCas9-mCherry (red) on the Chr13Rep locus in U2OS, HeLa, and HepG2 cells. Scale bar, 5 μ m. **(b)** Representative serial Z sections of telomere loci for Fig. 2D. **(c and d)** CRISPR FISHer labeled Chr3Rep and Chr13Rep in RPE cells. sgGal4 was used as the control sgRNA. **d** The percentage of cells with different numbers of GFP spots.