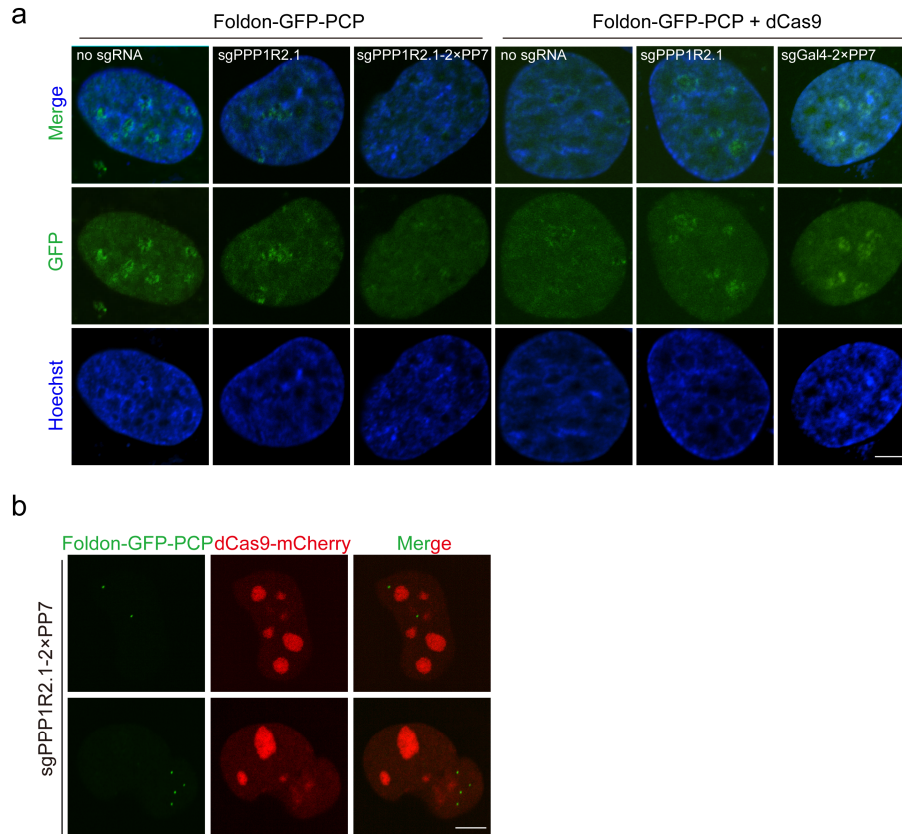




Supplementary Figure 3 CRISPR FISHer imaging controls in U2OS cells. (a) CRISPR FISHer imaging controls without dCas9 or with unrelated sgRNAs in U2OS cells. sgPPP1R2.1, regular sgRNA; sgPPP1R2.1-2×PP7 or sgGal4-2×PP7, engineered sgRNA scaffold with PP7 RNA motif. Hoechst 33342 labels the nucleus (blue). Scale bar, 5 μ m. **(b)** dCas9-mCherry used in CRISPR FISHer to label nonrepetitive genomic *PPP1R2* locus.