SUPPLEMENTARY FIGURE LEGEND

Figure S1. Deletion of hUHRF1-interacting region from G9a impairs its colocalization with hUHRF1 in nuclei. Subnuclear localization of GFP-hUHRF1 and DsRed-NΔG9a in COS-7 cells is shown. The DsRed-NΔG9a indicates a RFP-fused G9a mutant lacking the N-terminal UHRF1 interacting region (amino acids 1-394).

Figure S2. Bisulfite sequencing of CpG dinucleotides in the p21 promoter. (A) The CpG dinucleotides of p21 promoter spanning -398 to +11 relative to the transcription start site. 29 CpGs within the sequence are underlined and numbered. The TATA box is indicated. (B) Genomic DNA from control siRNA-transfected HeLa cells was treated with bisulfite, and the p21 promoter (-398 to +11) was amplified by PCR. The PCR products were ligated into pCR2.1-TOPO by using the TA cloning system, and sequenced. Bisulfite sequencing data of 20 strands are shown. Symbols: ○, unmethylated cytosines; ●, methylated cytosines.

Figure S1

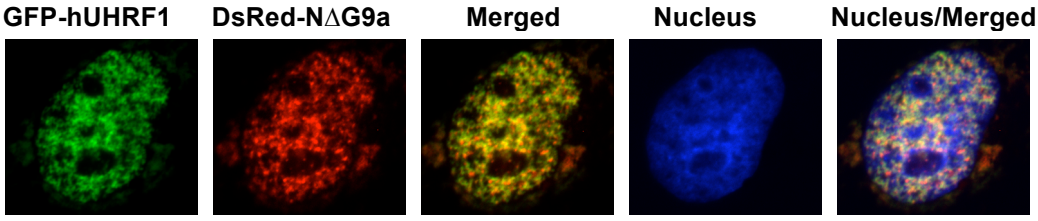
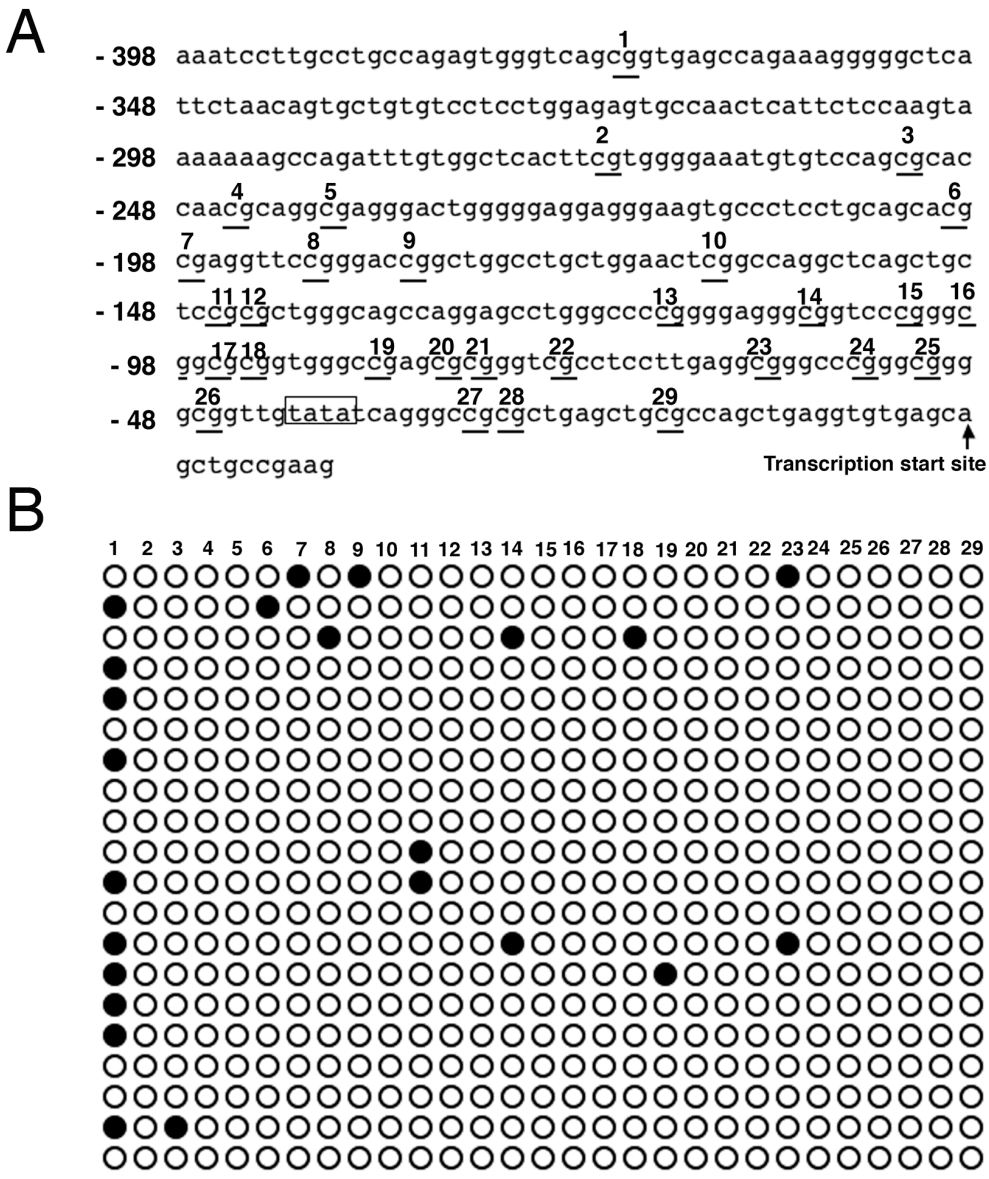


Figure S2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