Figure S5. Signal-specific recruitment of EZH2 onto the miR-101-2 promoter in JR1 cells after EZH2 down-regulation

(A) ChIP assays on JR1 cells 72 h after EZH2 or CTR siRNA transfection showing the recruitment of EZH2 and the levels of histone H3 trimethylation on Lys27 (H3K27me3) on miR-101-2, MCK and SMAD6 (as negative control) regulatory regions. Normal rabbit IgG were used as negative control. Graphs represent the percent of immunoprecipitated material relative to input DNA. (B) mRNA levels (real time qRT-PCR) of pri-miR-101-2 in JR1 cells 48 h after EZH2 siRNA treatment were normalized to GAPDH levels and expressed as fold increase over CTR siRNA.