



Fig. S1 β -catenin promotes the stability of EZH2 but has no effect on *EZH2* mRNA level.

(A) *EZH2* mRNA levels were evaluated by real-time RT-PCR assays in β -catenin^{+/+} and β -catenin^{-/-} MEFs. **(B)** SW1783 or NHA cells were transfected with Flag- β -catenin-S33Y, and *EZH2* mRNA levels were detected by real-time RT-PCR assays. **(C)** GSC11 cells were transfected with two independent siRNAs against β -catenin, and *EZH2* mRNA levels were detected by real-time RT-PCR assays. From (A) to (C), GAPDH was used as internal control. Values were mean \pm s.e.m. of n=3 independent experiments. **(D)** HEK293T and GSC11 cells were treated with 20 μ M MG132 for the indicated time intervals, and EZH2 expression was detected by immunoblotting. **(E)** GSC11 cells were treated with 50 ng/ml CHX for the indicated time intervals, and EZH2 expression was detected by immunoblotting.