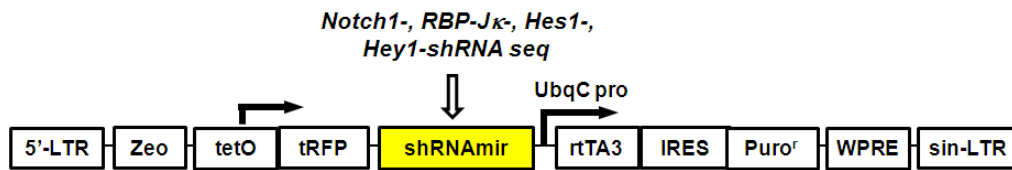
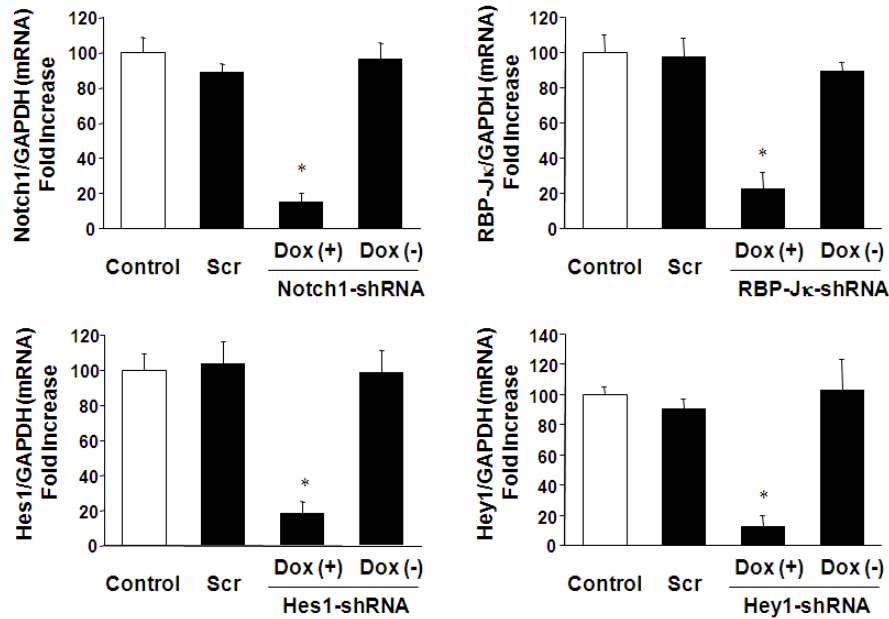


A**B**

Supplementary information, Figure S6 Genetical knockdown of the Notch signaling using tetracycline-inducible shRNA lentiviral vectors.

(A) Schematic of a pTRIPZ-based lentiviral vector construct. Under the existence of doxycycline, the expression of shRNA is induced properly. The cells expressing shRNAmir (microRNA-adapted shRNA) concurrently express turbo RFP (tRFP) and thereby can be easily discriminated from cells non-expressing shRNA. (B) Quantitative RT-PCR results validating the tetracycline-inducible knockdown effects for the expression of Notch1, RBP-J κ , Hes1 and Hey1 in each shRNA-transduced hESC, respectively. Scr, non-targeting shRNA with a scramble sequence. * $P < 0.0001$ vs control.