



Knock-down rate: 85%

Lanes: 1. ES cells transfected with Renilla Luciferase esiRNA (RLUC, Cat.No. EHURLUC) as negative control. **2.** ES cells transfected with Pou5f1 esiRNA (Cat.No. EMU081351).

Quantitative-Immunoblotting: Lysates were separated on SDS-Page and probed with mouse anti-POU5F1 (1:1000) Clone: PF-29 (Cat.No. P0082) and rabbit anti-tubulin (1:20000) (Abcam) antibodies. The signal intensities of indicated bands were quantified using an Odyssey infrared imaging system (LI-COR) and normalized to the tubulin signal. At 72h post transfection, a 85% Oct4 protein reduction was measured between the negative control RLUC and the sample treated with Pou5f1 esiRNA.