

Supplementary Table S4. **Gene expression primers for hESC differentiations and IMR31 fibroblast reprogramming to iPSCs.** RNF7 was shown to be a suitable housekeeping gene for normalizing expression during hESC differentiations (Synnergren et al., 2007).

RNF7_F	AGATGTTCTCCCTCAAGAAG TG
RNF7_R	TAAGACAGGCATCCATCACC
OCT4_F	TCTCGCCCCCTCCAGGT
OCT4_R	GCCCCACTCCAACCTGG
PGC- 1_F	AACACTTACAAGCCAAACCA
PGC- 1_R	GCGTTCAATAGTCTTGTTCTC
PGC- 1_F	TCCTCAACTATCTCGCTGAC
PGC- 1_R	CTCACTGTCAATCTGGAAGA G
RIP140_F	CCCATTTGCAGCAGTATTCTC
RIP140_R	GTAAGTCCCAACATCCTTCT G