

Table SI. Primers used for revers transcription-PCR in the present study.

Gene	Primer sequence, 5'-3'	Product size, bp
<i>OCT4</i>	F: CGTTCTCTTTGGAAAGGTGTC	314
	R: AACTCGGACCACGTCTTTC	
<i>SOX2</i>	F: GCAGTACAACCTCCATGAC	70
	R: CGAGTAGGACATGCTGTA	
<i>Klf4</i>	F: AGGAGCCCCAAGCCAAAGAG	66
	R: ACAAGTGTGGGTGGCTGTTCT	
<i>Lin28</i>	F: CGGGAGGAGGAAGAAGAGATCCAC	127
	R: CCACTCTGCGGATTGATGCCTC	
<i>c-Myc</i>	F: CTGCTGTCCTCCGAGTCCTC	149
	R: GGGGGTTGCCTCTTTTCCAC	

<i>Nanog</i>	F: GCCACTAGGGAAAGCCAGGCG	503
	R: AAGAAAGCTGACCCTGGCCCTG	
<i>CD34</i>	F: TAACTTGACTTCTGTTGCCTCG	545
	R: GCTCTTCTCCCCTTTCCTTC	
<i>COL1A1</i>	F: GCATCAGGGTTTCAGAGCA	163
	R: CGTTGGGTCATTTCCACAT	
<i>S100a4</i>	F: GGAGAAGGACAGACGAAGCT	172
	R: AGTCTTCACTTCTTCCGGGG	
<i>MUC1</i>	F: ATCAAGTTCAGGTCAGGCTC	171
	R: AGAGGAAGGGAAGTGCATC	
<i>CDH1</i>	F: CCAACAGGGACAAAGAGACAA	84
	R: CAATGATGAAAACGCCAACA	

<i>GAPDH</i>	F: GTATGTCGTGGAGTCTACAG	150
	R: GAGTTGTCATATTTCTCGTGGT	

F, forward; R, reverse.

Table SII .Details of all primary antibodies used in the present study.

Antibody	Manufacturer	Catalog number
Anti-Nestin	Abcam	ab6142
Anti-OCT4	Abcam	ab18976
Anti-PAX6	Abcam	ab5790
Anti-TH	Abcam	ab6211
Anti-SYN	Abcam	ab32594
Anti-Sox2	Cell Signaling Technology, Inc.	3579S
Anti-Nanog	Cell Signaling Technology, Inc.	3580
Anti-PSD95	Cell Signaling Technology, Inc.	2507S
Anti-GFAP	Neuromics	MO22136
Anti-GABA	Sigma-Aldrich; Merck KGaA	A2052
Anti-TUJ1	Abcam	ab7751
Anti-CD34	Affinity Biosciences	AF5149
Anti-Vimentin	BIOSS	Bs23063R
Anti- β -actin	Affinity Biosciences	T0022
Anti-GFP	Abcam	ab6556

PAX6, paired box protein 6; TH, tyrosine hydroxylase; SYN, synaptophysin; PSD95, postsynaptic density protein 95; GFAP, glial fibrillary acidic protein; GABA, γ aminobutyric acid; Tuj1, β III tubulin.