

Supplementary Tables

Suppl. Table 1 | Primary antibodies used in this study

Primary antibody	Host species	Supplier	Catalog No.	ICC dilution	IHC dilution
AFADIN	Rabbit	Sigma	A0349	1:1000	1:1000
ASCL1	Mouse	BD Biosciences	556604	—	1:100
ASCL1	Rabbit	Abcam	Ab211327	—	1:750
BLBP	Rabbit	Millipore	ABN14-25UG	—	1:500
β-CATENIN	Mouse	BD Biosciences	610153	1:500	1:500
CD31	Rat	BD Biosciences	550274	—	1:100
CD133	Rat	EMD Millipore	MAB4310	—	1:400
Cleaved CASPASE-3	Rabbit	Cell Signaling Technology	#9661	—	1:1000
DCX	Rabbit	Abcam	ab18723	—	1:2000
FOXJ1	Rabbit	Abcam	ab235445	—	1:500
GFAP	Chicken	Millipore	AB5541	1:2000	1:2000
GFAP	Rabbit	Dako	Z0334	—	1:2000
γ-TUBULIN	Goat	Santa Cruz Biotechnology	sc-7396	—	1:500
IBA1	Goat	Abcam	ab5076	—	1:400
KI67	Rat	Invitrogen	14-5698-82	1:2000	1:2000
MAP2	Rabbit	Santa Cruz Biotechnology	sc-20172	1:2000	—
NESTIN	Mouse	Abcam	ab6142	1:500	1:200
NEUN	Mouse	Abcam	ab104224	—	1:1000
O4	Mouse	Developmental Studies Hybridoma Bank	Clone: RIP	1:100	—
OLIG2	Rabbit	Millipore	AB9610	—	1:500
S100β	Mouse	Sigma	S2532	1:600	1:500
S100β	Rabbit	Proteintech	15146-1-AP	—	1:1000

Suppl. Table 2 | Secondary antibodies used in this study

Secondary antibody	Fluorophore	Catalog No.	Supplier	Dilution
Donkey anti-rabbit	Alexa Fluor® 488	711-545-152	Jackson Immuno Research	1/1000
	Cy TM 3	711-165-152		
	Alexa Fluor® 647	711-605-152		
Donkey anti-chicken	Alexa Fluor® 488	703-545-155		
	Cy TM 3	703-165-155		
	Alexa Fluor® 647	703-605-155		
Donkey anti-goat	Alexa Fluor® 488	705-545-147		
	Cy TM 3	705-165-003		
	Alexa Fluor® 647	705-605-003		
Donkey anti-rat	Alexa Fluor® 488	712-545-150		
	Cy TM 3	712-165-150		
	Alexa Fluor® 647	712-605-150		
Donkey anti-mouse	Alexa Fluor® 488	715-545-150		
	Cy TM 3	715-165-150		
	Alexa Fluor® 647	715-605-150		

Suppl. Table 3. Primer sequences and TaqMan probes used for qPCR experiments

Gene	FW primer	RV primer	Reaction
<i>Atp5f1</i>	GCAGTCGAGCATGAAACAAATC	AGGGCAATGTTATTCCTCTGC	TB Green
<i>Ccne1</i>	GTGGCTCCGACCTTTCAGTC	CACAGTCTTGTCAATCTTGGCA	
<i>Ccnf</i>	CTTCCTACTACACTGCTTGG	ATCCCTGACGAGAAGACTC	
<i>Dcx</i>	GGGAGTGCCTACATTTATAC	TGTCTGAGGAGCAGACATAG	
<i>Egfr</i>	ATTCTTTCACGCGCACTC	TGGAGGTCAGTCCAGTTATC	
<i>Foxj1</i>	CACCTGGCAGAATTCCATC	GTCGATGCGCCAGAAAC	
<i>Id4</i>	GCCTGCAGTGCATATG	TCTCCACTTTGCTGACTTTC	
<i>Ascl1</i>	GAAGTATGCGCTGCAAAC	AACTTGACCCGGTTGCG	
<i>Neurod1</i>	ATGACCAAATCATACAGCGAGAG	TCTGCCTCGTGTTTCCTCGT	
<i>Pax6</i>	CGGAGGGAGTAAGCCAAGAG	TCTGTCTCGGATTTCCTCAAG	
<i>Slc1a3</i>	CATGTTCCCTCCCAATCTG	GTTTCGTTGGACTGGATAGG	
<i>Tubb3</i>	ACACAGACGAGACCTACT	GCAGACACAAGGTGGTT	
Gene	Reference		Reaction
<i>Gapdh</i>	Mm99999915_g1		Taqman mix
<i>Nes</i>	Mm00450205_m1		