

**Table S1. Antibodies used in this study**

Antigen	Cat#	Supplier	Ig Type	Dilution
Pax7	Pax7	DSHB, U Iowa	Mouse IgG1	1:10 culture supernatant
MyoD, C-20	SC-304	Santa Cruz	Rabbit IgG	1:200
Ki-67	550609	BD Pharmingen	Mouse IgG1	1:250
Notch1	491011	Calbiochem	Rabbit IgG	1:1000
Notch3	AF1308	R&D system	Gt IgG	1:500
GFP	Ab13970	Abcam	Chicken IgY	1:3000
c-myc, 9E10	M4439	Sigma-aldrich	Mouse IgG1	1:1000
RBP-J <sub>k</sub> , H-50	SC-28713	Santa Cruz	Rabbit IgG	1:200
RNA Pol II, N-20	SC-899	Santa Cruz	Rabbit IgG	
Mouse IgG	SC-2345	Santa Cruz		
$\beta$ -actin	SC-130656	Santa Cruz	Rabbit IgG	1:500
$\alpha$ -tubulin	T5168	Sigma-aldrich	Mouse IgG1	1:2000

**Table S2. Primers for qPCR**

<b>Primers for qPCR</b>	
<b>Gene</b>	<b>Sequence 5'-3'</b>
Notch1	5'-CAg gAA AgA ggg CAT CAg-3' 5'-AgC gTT Agg CAg AgC AAg-3'
NIICD	5'-ggA CAA CAT ggg CCg TAC TC-3' 5'-TCA TgC ATT Cgg gCA TCC Ag-3'
hNIICD	5'-ggC TTC AAA gtg TCT gAg g-3' 5'-gTg gTC TgT CTg gTC gTC-3'
Notch2	5'-gCA ggA gCA ggA ggT gAT Ag-3' 5'-gCg TTT CTT ggA CTC TCC Ag-3'
Notch3	5'-gTC CAg Agg CCA AgA gAC Tg-3' 5'-CAg AAg gAg gCC AgC ATA Ag-3'
Hes1	5'-gCA CAg AAA gTC ATC AAA gCC-3' 5'-TTg ATC Tgg gTC ATg CAg TTg-3'
Hes2	5'-ACA ATT ACC CTg ggC ACg CTA C-3' 5'-CCT gTA gCC Tgg AgC ATC TTC AAA-3'
Hes5	5'-ATg CTC AgT CCC AAg gAg AA-3' 5'-TAg TCC Tgg TgC Agg CTC TT-3'
Hes6	5'-gCC ggA TTT ggT gTC TAC AT-3' 5'-TCC TgA gCT gTC TCC ACC TT-3'
Hey1	5'-TgA ATC CAg ATg ACC AgC TAC TgT-3' 5'-TAC TTT CAgACT CCg ATC gCT TAC-3'
HeyL	5'-CAg ATg CAA gCC Cgg AAg AA-3' 5'-ACC AgA ggC ATg gAg CAT CT-3'
Nrarp	5'-Tgg TgA AgC TgT Tgg TCA Ag-3' 5'-CTT ggC CTT ggT gAT gAg AT-3'
Pax7	5'-CTg CTg AAg gAC ggT CAC Tg-3' 5'-ggA TgC CAT CgA TgC TgT gT-3'
Myf5	5'-ACC ACC ACC AAC CCT AAC CA-3' 5'-TgT CCC ggC Agg CTg TAA TA -3'
MyoD	5'-GGC TAC GAC ACC GCC TAC TA -3' 5'-CGA CTC TGG TGG TGC ATC TG-3'
Myogenin	5'-TgC CCA gTg AAT gCA ACT CC-3' 5'-TTg ggC Atg gTT TCg TCT gg-3'
Ki67	5'-CAg TTT ggC gAC ATT AgC AgA-3' 5'-gCA ACT ATC TTg gCA ACA TCC TC-3'
CCND1	5'-CgC gTA CCC TgA CAC CAA TC-3' 5'-Cgg CTC TTC TTC AAg ggC TC-3'
Hdac1	5'-TgA ggA gAT gAC CAA gTA CC-3' 5'-ATT gAA TCT CTg CAT CTg CT-3'
RPLP38	5'-gAA ggA TgC CAA gTC TgT CAA-3' 5'-gAg ggC Tgg TTC ATT TCA gA-3'
Gapdh	5'-gTg AAg gTC ggT gTg AAC gg-3' 5'-CAA gCT TCC CAT TCT Cgg CCT-3'
β-Actin	5'-CCC CTg Agg AgC ACC CTg T-3' 5'-CAg gAT ggC gTg Agg gAg Ag-3'

**Table S3. Primers for gene cloning**

<b>Primers for reconstruction of plasmids</b>	
<b>Gene</b>	<b>Sequence 5'-3'</b>
Hes1-cF	5'-ggg ATC Cgg TAC CAT gCC AgC TgA TAT AAT ggA gAA A-3'
Hes1-cR	5'-ggA ATT CTC ATC AgT TCC gCC ACg gTC TCC -3'
Hes5-cF	5'-ggg gAT CCg gTA CCA Tgg CCC CAA gTA CCg Tgg C-3'
Hes5-cR	5'-gAA TTC TCA TCA CCA ggg CCg CCA gAg-3'
Hey1-cF	5'-CAg AAT TCA TgA AgA gAg CTC ACC CAg A-3'
Hey1-cR	5'-gAg TCg ACg AAA gCT CCg ATC TCT gTC-3'
HeyL cF	5'-ggA ATT CAT gAA gCg gCC CAg ggC g-3'
HeyL cR	5'-AgC ggC CgC TCA TCA gAA AgC CCC AAT TTC AgT-3'
Nrarpa-cF	5'-CAg gAT CCA TgA gCC AAg CCg AgC TgT C-3'
Nrarpa-cR	5'-CAg ATA TCC Cgg CCg CTg gCC gCg T-3'

**Table S4. Primers for ChIP-qPCR**

<b>Primers for ChIP-qPCR</b>	
<b>Site</b>	<b>Sequence 5'-3'</b>
-4,532	5'-AgA gCC ACC ACC Tgg AAT gCC-3' 5'-TTg ggg gCT TTg TTC CAg gCT-3'
-7,405	5'-CAT TgC CCA CTg CCT gCC TC-3' 5'-CAg gAg AgA CCA CAg CCA TgT-3'
-3,001- -3,200	5'-ggg TAC CCC CTC CCA AgT CA-3' 5'-AgC Tgg AAC Tgg AgC CCT gA-3'
-6,601- -6,800	5'-ggC ATg gAg ggA gTA ggg gA-3' 5'-Agg TCA TCC ATC CCC AgC CT-3'