

**Table S1 Primers used for qRT-PCR**

<b>Gene</b>	<b>Primers</b>	<b>UPL probe</b>
<i>Tbp</i>	F: GGGGAGCTGTGATGTGAAGT	#97
	R: CCAGGAAATAATTCTGGCTCA	
<i>Erk1</i>	F: TGGAAGCCATGAGAGATGTTT	#94
	R: GCTCAGCTGCTGGCTTTTA	
<i>Erk2</i>	F: CAGAGCTCCAGAAATTATGTTGAA	#54
	R: GGGAAGATAGGCCTGTTGG	
<i>Egr1</i>	F: CCCTATGAGCACCTGACCAC	#22
	R: TCGTTTGGCTGGGATAACTC	
<i>Egr2</i>	F: CTACCCGGTGAAGACCTC	#60
	R: AATGTTGATCATGCCATCTCC	
<i>cFos</i>	F: GGGACAGCCTTTCCTACTACC	#67
	R: GATCTGCGCAAAGTCCTGT	
<i>Dusp6</i>	F: CTGGTGGAGAGTCGGTCCT	#66
	R: CGGCCTGGA ACTTACTGAAG	
<i>Ccnd2</i>	F: CACTACCAGTTCCC ACTCCAG	#45
	R: CTGTGCATTTACACCGACAAC	
<i>Ccnd3</i>	F: GGAAGATGCTGGCATACTGG	#88
	R: GGTAGCGATCCAGGTAGTTCA	
<i>Oct4</i>	F: GTTGGAGAAGGTGGAACCAA	#95
	R: CTCCTTCTGCAGGGCTTTC	
<i>Nanog</i>	F: CCTCCAGCAGATGCAAGAA	#25
	R: GCTTGCACTTCATCCTTTGG	
<i>Acta2</i>	F: CCAGCACCATGAAGATCAAG	#58
	R: TGGAAGGTAGACAGCGAAGC	
<i>T</i>	F: CAGCCCACCTACTGGCTCTA	#100
	R: GAGCCTGGGGTGATGGTA	
<i>Gata4</i>	F: TTCGCTGTTTCTCCCTCAAG	#60
	R: CAATGTTAACGGGTTGTGGA	
<i>Foxa2</i>	F: GAGCAGCAACATCACCACAG	#77
	R: CGTAGGCCTTGAGGTCCAT	

<i>Rex1</i>	F: CACTCACTCTATTGAGAGAAGA	#16
	R: CAGCTCCTGCACACAGAAGA	
<i>NeuroD3</i>	F: CCTTCTTTGTGACTGGCTCA	#83
	R: CCCTTTTCCAAACCACACTG	
<i>Ngn2</i>	F: ACATCTGGAGCCGCGTAG	#69
	R: CCCAGCAGCATCAGTACCTC	
<i>Mash1</i>	F: TCTCCTGGGAATGGACTTTG	#74
	R: CGTTGGCGAGAAACACTAAAG	
<i>Tbx3</i>	F: TTGCAAAGGGTTTTCGAGAC	#51
	R: TGCAGTGTGAGCTGCTTTCT	
<i>Klf4</i>	F: CGGGAAGGGAGAAGACT	#62
	R: GAGTTCCTCACGCCAACG	
<i>Nestin</i>	F: CTGCAGGCCACTGAAAAGT	#2
	R: TTCCAGGATCTGAGCGATCT	
<i>Tubb3</i>	F: GCGCATCAGCGTATACTACAA	#104
	R: TTCCAAGTCCACCAGAATGG	
<i>Gata6</i>	F: GGTCTCTACAGCAAGATGAATGG	#40
	R: TGGCACAGGACAGTCCAAG	
<i>Pdgfra</i>	F: GTCGTTGACCTGCAGTGGA	#80
	R: CCAGCATGGTGATACCTTTGT	

Forward (F) and reverse (R) primer sequences (5'-3') and UPL probes used in qRT-PCR assays.