

**Supplementary Table 1. Polymerase chain reaction primers and conditions**

Oligonucleotide	Sequence 5'-3'	Product size (bp)	Annealing temp (°C)	Cycles
β-actin forward	GTGGGGCGCCCCAGGCACCA	626 bp	56°C	25
β-actin reverse	CTCTTCTCCAGGGAGGAGCT			
Oct4 forward	CGACCATCTGCCGCTTTGAG	572 bp	57°C	30
Oct4 reverse	CCCCCTGTCCCCCATTCTTA			
Nanog forward	TACCTCAGCCTCCAGCAGA	390 bp	57°C	28
Nanog reverse	CCTCCAAGTCACTGGCAG			
Sox2 forward	CCCCCGGCGGCAATAGCA	447 bp	58°C	28
Sox2 reverse	TCGGCGCCGGGGAGATACAT			
Rex1 forward	CGCGGTGTGGGCCTTATGTG	486 bp	54°C	27
Rex1 reverse	TCTCAGGGCAGCTCTATTCTC			
FGF5 forward	AGAAGTGAACAAAACAGGGCG	294 bp	54°C	35
FGF5 reverse	AGTTGGTATTTTTCCGAGGTGC			
NF68kD forward	GTTCAAGAGCCGCTTCAC	361 bp	54°C	30
NF68kD reverse	CACGCTGGTGAAACTGAG			
Keratin 8 forward	TGAGGTCAAGGCACAGTACG	126 bp	54°C	30
Keratin 8 reverse	TGATGTTCCGGTTCATCTCA			
Keratin18 forward	CACAGTCTGCTGAGGTTGGA	158 bp	56°C	28
Keratin18 reverse	GAGCTGCTCCATCTGTAGGG			
Sox1 forward	AGAACCCCAAGATGCACAAC	198 bp	54°C	30
Sox1 reverse	GCCAGCGAGTACTTGTCTTT			
Gata2 forward	TGGCGCACAACACTACATGGAAC	300 bp	56°C	30
Gata2 reverse	GAGGGGTGCAGTGGCGTCTT			
HNF3β forward	CACCACCAGCCCCACAAAATGG	314 bp	58°C	30
HNF3β reverse	TTCTTCTCCCTTGCGTCTCTGC			
Nodal forward	AGAAGCAGATGTCCAGGGTAGC	533 bp	54°C	30
Nodal reverse	AGAGGCACCCACATTCTTCC			
AFP forward	GGGAGCGGCTGACATTATTA	205 bp	54°C	27
AFP reverse	CACCCTGAGCTTGACACAGA			
αMHC forward	AGGATCCTCTCAACGAGACT	469 bp	54°C	34
αMHC reverse	GTGATCAATGTCCAGAGAGC			
Tbx20 forward	AGGTACCGCTACGCCTAC	407 bp	55°C	30
Tbx20 reverse	GTCAGTGAGCCTGGAGGA			