

SUPPLEMENTARY TABLE S3. POLYMERASE CHAIN REACTION PRIMERS

<i>Gene name</i>	<i>Forward (5' to 3')</i>	<i>Reverse (5' to 3')</i>	<i>Applications</i>
<i>OCT4</i>	AGGCCGGAAAGAAAAGCGAAC	CCAGAGCAGGGACAGGCACAGA	RT-PCR
<i>SOX2</i>	TTTTGTGGAGACGGAGAAGCG	GGAGGAAGAGGTAACCCAGGGG	
<i>KLF4</i>	ACAACCCGGCCCTCCTAGCC	GAAGCTGACGCCGAGGTGGT	Real-time PCR
<i>c-MYC</i>	CGACCCGGACGACGAGACCT	TCTTCTCAGATCCGCTGCTGGTG	
<i>NANOG</i>	C'TTGCAACTGCCATGTGCCAG	CAGGGCCTGAGCCCTCTGAGTCA	
<i>Lin28</i>	TGTCCAACAGCAGTTTGCAG	GACAGGAAGCCGAACCCCA	
<i>Gapdh</i>	AAGGCGGAGCCAAAAGGTCA	CAGCATCGAAGGTAGAGGAGTG	
<i>LNXC (Transgene)</i>	AGCTCGTTTAGTGAACCGTCAGATC		
<i>OCT4</i>	AGAAAGACGTGGTCCGTGTGTGG	CCAGAGGAAAAGACATAGGCCCCC	
<i>SOX2</i>	GATGCAGCCCATGCACCCGCTA	TGCCCTGTGGAGTAGGACA	
<i>NANOG</i>	GTCCAGCAAGTCTACAGCCCTCA	AGCGGAGAGGGGTGTCTGTAA	
<i>Gapdh</i>	CCGTGCTGTCCGCCGTTCCGAC	GCGGCCAAATCCGTTCACCTCCG	
<i>Bmp4</i>	AAAGTCGCCGAGATTCAGG	GAGTCTGATGGAGGTGAGT	
<i>Desmin</i>	AGCAGGAGATGATGGAATAC	TCCAGCAGCTTCCGGTAG3G	
<i>Sox17</i>	TACGCCAGTGACGACCAGAG	ACTCGCCCTTGGCTCGG	
<i>Pax6</i>	ATCCCGGACTTCGGTGCCA	GAGGAAACAGGGTGGTGGGG	
<i>MAGEA2</i>	CCACCACCTCAAATAAAGTGT	CTCACTAAAGATCAGAGGGTA	
<i>RAB6B</i>	ACATTGAGCACATGTATCTCCG	CCAATGTTTGAACGTGTTTCC	
<i>CHP2</i>	GGGACAGTATCCGGCCGAGAG	GATCCATGGGGTCCAGGTAG	
<i>AIF</i>	ACCAGGGATTTACAGGGAGGAA	CCAGTTTGGAGGGCAGATCC	
<i>KLF2</i>	ACTTTCGCCAGCCCGTG	CCCATGGACAGGATGAAATCC	
<i>STAT3</i>	ATCAGCTCCAGCACTCGAC	ACCTGCTCTGAAAGGAATGC	
<i>Socs3</i>	CGAAGGCTCCTTGTGGACT	GGTCCCGAATCGAAGTCTCC	
<i>Gbx2</i>	CTGATGATGATGCAGCGCC	GCACCAACCGCCGGTA	
<i>Otx2</i>	GAATGGATTTGCTGCACCCC	GGGCAGGTTGATTTTCAGCC	
<i>Cre1</i>	GGCACCACTTCATGTTACAGAAAG	CAITTTCCCAAAGCAGAGGTTGTTCC	
<i>Xist</i>	GGATAGCTGAATGTGTAATTTTGTGTC	GAAATAAAGCGTGAAGAAGAGCC	qRT-PCR, RNA-FISH Bisulfite
<i>Xist</i> promote in	GGTTTAGAAATGAAGTTTATTTTAG	CTAAAAAAAACCCCAATACAAAAAAA	
<i>Xist</i> promote out	TAGATGAGAATTGGAAAATT	TATCAAAAAAACAACACTAAAAAAA	

qRT-PCR, quantitative reverse transcription-polymerase chain reaction.