

SUPPLEMENTARY TABLE S1. LIST OF PRIMERS USED FOR REAL-TIME POLYMERASE CHAIN REACTION

<i>List of primers</i>	
<i>cDNA-qPCR</i>	
<i>Genes</i>	<i>Sequences</i>
Prmt6	AGGTGAAGCAGCACTATGGCGTGGA TATG GAAACCAGACGGCGAAACCATGTA GAGG
Prmt5	TCAGGCCACCTAGGGCTACA GCTGCTGGCTTGTGTCTCT
Prmt4	TCCACATGCTGCATTACAGGGCTAGT TCCACCTGTGCCACAATACTGATGT CATA
Oct4	TTGGGCTAGAGAAGGATGTGGTT GGAAAAGGGACTGAGTAGAGTGTGG
Nanog	GGTTGAAGACTAGCAATGGTCTGA TGCAATGGATGCTGGGATACTC
Sox2	CCAGGAGAACCCCAAGATGCACAACT AAGCCTCCGGGAAGCGTACTTAT CCTT
Rex1	AGATGGCTTCCCTGACGGATACCTA GAGT CTCTTGCTTCGTCCCCTTTGTCTATGTAC
Cdx2	CGCAGAACTTTGTGTCAGTCCCTCCGCAG TACC GTATTCCGGCGGGGCTGCTGTAGCCCA TAGC
Bmp4	GTTCCCTGGACACCTCATCACAGCACTACT GTAACGATCGGCTGATTCTGACATGCT GGCCCTATGGCTCAAATTCC CCTGCCCTGTTGGTGATG
Eomes	AGAGGAAGAGCAGCAAGGCCATGAC TCCCTGACTCTGCTCCTTCTTCTTCAT
Nestin	GGGCGCAGACGGCATGTATGATAAAA AGTCGCATCTGAGCTTCATCCGAGTCTTC CCCTTCCGTTGTAAGCCATGCCAGTATGA
Pax5	TGGTGCTTCAGGTGTGCCGTGTAGTGAT AAAACAAGGCGCTGGCAGCTGAA CTGAA
Rest	TTGTTCTCTGCCTCCAGCCTCAGGTTGGT GGGAGCGAGCGGGAGGAGGACGAA GCAGTCCGAAATGGGTCCAGGCCGA AGT
Gfap	TCAGCACGCGGAGGTCAAGCTACGAG GAC CAGAAGGAGTTCGAGAAGGCCGG GATG
Oligo2	TGTGCAATGCATGCGGTCTCTACAGCA TTCATAGCAAGTGGTTCGAGGCCACCC TGAAAGGCGAGGTGGTGGCGAGTAG CAACGCCTTCCAAGACTTGCTAGCATCT CCTACGCCAACATGAACTCGATGA GTAGAAAGGGAAGAGGTCCATGATCC ACT
Hand1	CCTGCCCAAACGAAAAGGCTCAGGAC CCAA

SUPPLEMENTARY TABLE S1. (CONTINUED)

<i>List of primers</i>	
<i>cDNA-qPCR</i>	
<i>Genes</i>	<i>Sequences</i>
	CGACCGCCATCCGTCTTTTGTAGTTCA GCC
Nkx2.5	CACTAAATGGGCTGGTGAGGATGGAT TGA TCCTGGGTTGAATTTGGTCTGTAGGTCA
Gata2	GGCCTCTTCTTCTGCAGGGGGTAGTGTAG GCACATAGGAGGGATAGTGGGTATCGG
Fgf5	GCAGATCTACCCGGATGGCAAAGT CAATG GTTCTGTGGATCGCGGACGCATAGGTATT
Brachyury	GAGCTGTGGCTGCGCTTCAAGGAGC TAAC CCCCAGGTACCCACTCCCCGTTACATA
Nodal	TTCACCGTCAATTCCTTCTCAGGTCACGTT GCGACAGGTACAGGTGGGGTGTAGGG
Gsc	GCACCTCCTCGGACTACGGCCGCTTC CACCAGTACAGAACCGGGGCCCTCG TAGC
Noggin	CACTACGACCCGGGCTTTATGGCTACTTC GGAGAACTCCAGCCCTTTGATCTCGC
Myf5	GAAGGTCAACCAAGCTTTCGAGACGCTC AGCTCTGTCCCGGAGGCTGTAATAGTTC
α -fetoprotein	GCTGCGCTCTCTACCAGACCTTAGGAG CACAGGGCTTGCTTCATTCTTATACACA
MyoD1	AAAGTGAATGAGGCCTTCGAGACGC TCAA CATCTGAGTCGCCACTGTAGTGCTCGCT
Vegfr2	GAATGCGGCGGTGGTGACAGTATCTT GGCGATGAATGGTATCTGTAATCTCGAA
C-kit	AGAGTTAATAGTTGAAGCTGGCGACACC TTGGCAGGATCTCTAACAACACGT AAAT
Insulin1	CCAAACCCACCAGGCTTTTGTCAA CAG GGTGCAGCACTGATCCACAATGCCAC
β -actin	ACCAACTGGGACGACATGGAGAA TACCACCAGAGGCATACAGGGAC
<i>ChIP-qPCR</i>	
Oct4 promoter	GGATTGGGGAGGGAGAGG TGAAACCGT TGGAAGCTTAGCCAGGTTT GAGGATCCAC
Nanog promoter	CTCTTTCTGTGGGAAGGCTG CGGCTCACTT CATGTGAGTGTGATGGCGAG GGAAGGGA
ChIP-qPCR control primers	CCCCTTTCTGAAGCACTCTG TAAGGCGTCATTTCCCAAAG

qPCR, quantitative polymerase chain reaction; ChIP, chromatin immunoprecipitation.

(continued)