

Supplementary Table 1. DNA primer sequences.

Primer name	Sequence
<i>Gene expression</i>	
Nkx2.5 forward ¹	ATGCCTATGGCTACAACGC
Nkx2.5 reverse ¹	ACTCACTTTAATGGGAAGAGGG
ANF forward ¹	TTGGCTTCCAGGCCATAATTG
ANF reverse ¹	AAGAGGGCAGATCTATCGGA
α -CA forward ¹	TGTTACGTCGCCTTGGATTTTGAG
α -CA reverse ¹	AAGAGAGAGACATATCAGAAGC
OCT4 forward	CAATGCCGTGAAGTTGGAG
OCT4 reverse	CCAAGGTGATCCTCTTCTGC
SOX2 forward	ACATGTGAGGGCTGGACTG
SOX2 reverse	CGTTTCGCTGCGGAGAT
NANOG forward	TCTGGGAACGCCTCATCA
NANOG reverse	AGAGGCAGGTCTTCAGAGGAA
GAPDH forward	ATGGTGAAGGTCGGTGTGA
GAPDH reverse	CTCCACTTTGCCACTGCAA
<i>Bisulfite sequencing²</i>	
OCT4-out forward	GAGGATTGGAGGTGTAATGGTTGTT
OCT4-out reverse	CTACTAACCCATCACCCCCACCTA
OCT4-in forward	TGGGTTGAAATATTGGGTTTATTT
OCT4-in reverse	CTAAAACCAAATATCCAACCATA

¹ Rose et al., Stem Cells 2008;26(11):2884-92.

² Gao et al., Cell Stem Cell 2013;12(4):453-69.