

Supplementary information, Table S3 Primers used for RT-PCRs

Gene	Primer Sequence (5' to 3')	AT (°C)	PS (bp)
<i>endo-Oct4</i>	F-TCAGCTTGGGCTAGAGAAGG R-TGACGGGAACAGAGGGAAAG	60	254
<i>endo-Sox2</i>	F-GGCGGCAACCAGAAGAACAG R-GTTGCTCCAGCCGTTTCATGTG	57	414
<i>endo-Nanog</i>	F-TCTCCTCGCCCTTCCTCT R-ATGCGTTCACCAGATAGCC	55	421
<i>endo-c-Myc</i>	F-ATGCCCCTCAACGTGAACTTC R-CGCAACATAGGATGGAGAGCA	60	228
<i>endo-Klf4</i>	F-GTGCCCCGACTAACCGTTG R-GTCGTTGAACTCCTCGGTCT	60	185
<i>exo-Oct4</i>	F-TGGTACGGGAAATCACAAGTTTG R-CAATACCTCTGAGCCTGGTC	53	209
<i>exo-Sox2</i>	F-GTGTGGTGGTACGGGAAATCAC R-TTCAGCTCCGTCTCCATCATG	55	73
<i>exo-c-Myc</i>	F-TGGTACGGGAAATCACAAGTTTG R-GTCATAGTTCCTGTTGGTGAAGTTCA	55	98
<i>exo-Klf4</i>	F-GTGTGGTGGTACGGGAAATCA R-CGCGAACGTGGAGAAGGA	55	110
<i>Rex1</i>	F-AGCAGGATCGCCTCACTG R-GGCCACTTGTCTTTGCCG	60	188
<i>Gata4</i>	F-CCTGGAAGACACCCCAATCTC R-AGGTAGTGTCCCGTCCCATCT	60	116
<i>Mef2c</i>	F-GATGCAGACGATTCAGTAGG R-TGGTGCCTGCACCGGATGTC	60	328
<i>Isl1</i>	F-TGTCAGGAGACTTGCCACTTT R-GCCAAACGTTTATTAGTGAAATAGT	60	202

<i>Myl2</i>	F-AAAGAGGCTCCAGGTCCAAT R-CCTCTCTGCTTGCGTGGTTA	60	230
<i>Myl7</i>	F-CCCATCAACTTCACCGTCTTCCT R-AGAGAACTTGTCTGCCTGGGTCA	60	167
<i>Myh6</i>	F-GATGCCCAGATGGCTGACTT R-GGTCAGCATGGCCATGTCCT	60	275
<i>Tnnt2</i>	F-GCGGAAGAGTGGGAAGAGACA R-CCACAGCTCCTTGGCCTTCT	60	127
<i>Nppa</i>	F-GCTTCCAGGCCATATTGGAG R-GGGGGCATGACCTCATCTT	60	126
<i>Slc8a1</i>	F-AGGTCCATGCTAGAGATCATCC R-CATCATCGTCATCTTCCCA	60	300
<i>Gjal</i>	F-ACAGCTGTTGAGTCAGCTTG R-GAGAGATGGGGAAGGACTTGT	60	106
<i>Cacna1a</i>	F-CCTGCTGGTGGTTAGCGTG R-TCTGCCTCCGTCTGTTTGGAA	60	285
<i>Ryr2</i>	F-ACATCATGTTTTACCGCCTGAG R-TTTGTGGTTATTGAACTCTGGCT	60	108
<i>Gata1</i>	F-TGGGGACCTCAGAACCCTTG R-GGCTGCATTTGGGGAAGTG	60	134
<i>Cbfa2t3</i>	F-CCACGGCTGCTTAAAGTGGT R-GTCATTGCCAAATTGCTGTAGG	60	226
<i>Myh11</i>	F-AAGCTGCGGCTAGAGGTCA R-CCCTCCCTTTGATGGCTGAG	60	238
<i>Mkl2</i>	F-ATGCCTTGAGGGAAGCAACC R-GCTCGCTCCAGGCTTTTTATC	60	156
<i>Pecam1</i>	F-GTCATGGCCATGGTCGAGTA R-CTCCTCGGCATCTTGCTGAA	60	260
<i>Cdh5</i>	F-CACTGCTTTGGGAGCCTTC R-GGGGCAGCGATTCATTTTCT	60	167

<i>Sox17</i>	F-GCCAAAGACGAACGCAAGCGGT R-TCATGCGCTTCACCTGCTTG	60	211
<i>Afp</i>	F-GCTCAGCGAGGAGAAATGG R-CTTCACCAGGTTAATGAGAAGC	60	286
<i>Sox1</i>	AATCCCCTCTCAGACGGTG TTGATGCATTTTGGGGGTAT	60	224
<i>Nestin</i>	F-AGAGAAGCGCTGGAACAGAG R-AGGTGTCTGCAACCGAGAGT	60	234
<i>28s</i>	F-AGCAGCCGACTTAGAACTGG R-TAGGGACAGTGGGAATCTCG	60	250

AT, annealing temperature; PS, product size; F, forward; R, reverse.