

Supplementary information, Table S1 Primer Sequences for RT- PCR

Gene	Primer Sequence (5' to 3')	AT (°C)	PS (bp)
Oct4	F-GGGATGGCATACTGTGGAC R-CTTCCTCCACCCACTTCTC	57	412
Nanog	F-GCCCTGAGAAGAAAGAAGAG R-CGTACTGCCCCATACTGGAA	57	356
Sox2	F-GGCGGCAACCAGAAGAACAG R-GTTGCTCCAGCCGTTTCATGTG	57	414
Nestin	F-AGAGAAGCGCTGGAACAGAG R-AGGTGTCTGCAACCGAGAGT	60	234
Sox17	F-GCCAAAGACGAACGCAAGCGGT R-TCATGCGCTTCACCTGCTTG	60	211
Afp	F-GCTCAGCGAGGAGAAATGG R-CTTCACCAGGTTAATGAGAAGC	60	286
Brachyury	F-AACTGCGAGTGGGTCTGGAAG R-TGGGTCTCGGGAAAGCAGTG	57	451
Flk1	F-CTGTGGCGTTTCCTACTCCT R-AGGAGCAAGCTGCATCATTT	60	93
Gata6	F-GCTGAACGGAACGTACCACC R-ACAGTGGCGTCTGGATGGAG	60	236
Isl1	F-GACATGATGGTGGTTTACAGGC R-GCTGTTGGGTGTATCTGGGAG	60	209
My17	F-CCCATCAACTTCACCGTCTTCCT R-AGAGAACTTGTCTGCCTGGGTCA	60	167
Itpr2	F-CCTCTACATTGGGGACATCGT R-GGCACACCTTGAAGAGGCA	60	161
Cacna1a	F-CCTGCTGGTGGTTAGCGTG R-TCTGCCTCCGTCTGTTTGGAA	60	285
Ryr2	F-ACATCATGTTTTACCGCCTGAG R-TTTGTGGTTATTGAACTCTGGCT	60	230
Gja1	F-ACAGCTGTTGAGTCAGCTTG R-GAGAGATGGGGAAGGACTTGT	60	106
Slc8a1	F-AGGTCCATGCTAGAGATCATCC R-CATCATCGTCATCTTCCCA	60	300

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