

Supplementary Table S1. Primer sequences used for qPCR analysis of specific genes

Gene name	Primer sequence (5' to 3')	Annealing temperature (°C)	Amplicon size (bp)
<i>SOX2</i>	F: TGGTCTGTCTTTTCATGGTGTCT R: GTGGGAGGTTAAACCATGGGA	59	126
<i>OCT4</i>	F: CGGAAGAGAAAGCGGACAAG R: CGATGTGGCTGATCTGCTG	58–59	103
<i>c-Kit</i>	F: CTTTGGACGGCTTGCTAACG R: AAATCCACCGTGGGTATGGG	59	145
<i>PPARγ</i>	F: TACCAAAGTGCCATCAAA R: TGGAGTGGAAATGCTGGA	56	111
<i>ACTB</i>	F: GTCATGGTGGGTATGGGTCA R: CGTTGTAGAAGGTGTGGTGC	59	151

Supplementary Table S2. Average diameter and number of spermatogonial stem cell (SSC) colonies on different days of culture

Sl. No	Days of culture	Average colony diameter (μm)	SE	Mean n of SSC colonies per 1 161 px surface area	SE
1	day 9	68.92 ^a	1.20	99.17 ^a	4.10
2	day 30	139.71 ^b	1.67	69.67 ^b	2.38
3	day 65	213.53 ^c	12.52	30.50 ^c	1.13

SE = standard error

^{a-c} means in a column with different superscripts differ significantly ($P < 0.01$)