

Supplemental Table 1. Primers for genotyping analysis

	Forward primer	Reverse primer	PS	AT	Cycles
<i>Maml1</i>	TTTGCAACTCCAGCATCATC	CCTAACTCCTTCCCCTGGAC	518	67	35
<i>PGK-neo</i>	TGCTCCTGCCGAGAAAGTAT	AATATCACGGGTAGCCAACG	364	67	35
<i>Sry</i>	ATGGAGGGCCATGTCAAG	GCCCAGTGGGGATATCAA	424	67	35

PS: product size (bp); and AT: annealing temperature (°C).

Supplemental Table 2. TaqMan probe-primer mixes utilized in this study

	Assay ID	Expression-positive cells in the fetal testis
<i>Mamld1</i>	Mm01293665_m1	Sertoli cells and Leydig cells
<i>Amh</i>	Mm03023963_m1	Sertoli cells
<i>Ar</i>	Mm00442688_m1	Germ cells, Leydig cells, and peritubular cells
<i>Arx</i>	Mm00545903_m1	Interstitial cells excluding Leydig cells
<i>Cyp11a1</i>	Mm00490735_m1	Leydig cells
<i>Cyp17a1</i>	Mm00484040_m1	Leydig cells
<i>Ddx4</i>	Mm00802445_m1	Germ cells
<i>Dhh</i>	Mm01310203_m1	Sertoli cells
<i>Dlx5</i>	Mm01161781_m1	Leydig cells
<i>Dlx6</i>	Mm01166201_m1	Leydig cells
<i>Gata4</i>	Mm00484689_m1	Sertoli cells and Leydig cells
<i>Hsd17b3</i>	Mm00515131_m1	Sertoli cells (seminiferous tubules)
<i>Hsd3b1</i>	Mm01261921_mH	Leydig cells
<i>Insl3</i>	Mm01340353_m1	Leydig cells
<i>Nr5a1</i>	Mm00446826_m1	Sertoli cells and Leydig cells
<i>Ptch1</i>	Mm01306905_m1	Interstitial cells including Leydig cells
<i>Sox9</i>	Mm00448840_m1	Sertoli cells
<i>Star</i>	Mm00441558_m1	Leydig cells
<i>Gapdh</i>	4352339E (Mm99999915_g1)	Ubiquitous