

Supplementary Table S1. Primer information

Primer Symbol	Gene name	Primer direction	Sequences (5' to 3')	Efficinecy rate (%)	PCR (bp)	Accession
Lhcgr	Luteinizing hormone receptor	Forward	CTGCGCTGTCCTGGCC	91	103	NM_012978
		Reverse	CGACCTCATTAAGTCCCCTGAA			
Scarb1	Scavenger receptor class B, member 1	Forward	ATGGTACTGCCGGGCAGAT	93	117	NM_031541
		Reverse	CGAACACCCTTGATTCCTGGTA			
Star	Steroidogenic acute regulatory protein	Forward	CCCAAATGTCAAGGAAATCA	96	187	NM_031558
		Reverse	AGGCATCTCCCCAAAGTG			
Cyp11a1	Cholesterol side chain cleavage enzyme	Forward	AAGTATCCGTGATGTGGG	93	127	NM_017286
		Reverse	TCATACAGTGTGCCTTTTCT			
Hsd3b1	3 β -Hydroxysteroid dehydrogenase 1	Forward	CCCTGCTCTACTGGCTTGC	103	189	NM_0010077
		Reverse	TCTGCTTGGCTTCCTCCC			19
Cyp17a1	P45017 α -hydroxylase/17,20-l yase	Forward	TGGCTTTCCTGGTGCACAATC	99	90	NM_012753
		Reverse	TGAAAGTTGGTGTTCGGCTGAAG			
Hsd17b3	17 β -Hydroxysteroid dehydrogenase 3	Forward	TGGATTGGCCATGCAGGATTG	98	202	NM_054007
		Reverse	TGAAAGTTGGTGTTCGGCTGAAG			
Fshr	Folliclestimulating hormone receptor	Forward	CCACAAGCCAATACAACTAACT	93	327	NM_199237
		Reverse	CAAAAGTCCAGCCCAATACC			
Amh	Antimulerian hormone	Forward	GCCCTAACCCTTCAACCA	104	82	NM_012902
		Reverse	GGGAATCAGAGCCAAACAGA			
Dhh	Desert Hedgehog	Forward	AACCCCGACATAATCTTCA	108	150	NM_053367
		Reverse	CTCGTCCCAACCTTCAGT			
Sox9	SRY box 9	Forward	TGCTGAACGAGAGCGAGAAG	94	160	NM_080403.1
		Reverse	ATGTGAGTCTGTTCGGTGGC			
β -actin	Beta-Actin	Forward	CCATGAAGATCAAGATCAT	96	106	NM_0011419
		Reverse	TTGCTGATCCACATCTGCT			45