

S1 Table. PCR primers.

Bisulfite PCR primers				
	Forward primer (5' -3')	Reverse primer (5' -3')	Size (bp)	From transcription start site
<i>Acvr2a</i>	AATATTGTTGGATATTGAAGTTGAAG	TCTAAAAACCTCCATAAAATTTTCTAA	400	0.5 kbp downstream
<i>Acvr2b</i>	GGTGAGGTAGAGAGGGATTGG	TTCCTTTTATTAACATACCTACCAACA	458	1.5 kbp downstream
<i>Avp</i>	GATTTGGGTTTAGGGTTGGATTA	AAAATCCTCCATCAAAACTACCC	395	0.5 kbp downstream
<i>Cartpt</i>	TGGTGTGTTGTTTTGTTAGGTGT	CAAATACTCACCTCCAACCCTTAT	473	0.5 kbp downstream
<i>Cd34</i>	ATAGGGGTTTTGTAAAGGGGAAA	CCCCTCTCCAACCTACAAACTA	405	1.0 kbp upstream
<i>Cd34_2</i>	GAGAGTTGATTGAGGTTTAGATTTT	CCACAAAAACCCCTTCTACC	455	2.0 kbp downstream
<i>Crhr2</i>	TGAGGTTATGAGGTTGGGTTTT	TCCTAACTCCTCCCCCTAACA	319	3.0 kbp upstream
<i>Crhr2_2</i>	GTGGGTTTAGGGTGGTTAAATGT	TCATCCCTACCCCTAACTTCTA	432	0.5 kbp upstream
<i>Egr1</i>	GGAGAGGGGATTTTAGAGGGTA	ACCTACTTCTCCTCCATCTACCA	357	1.0 kbp upstream
<i>Esr2</i>	GTTGGGGATTGGGTGATTA	CAAAAACCTCCCCTTCTTTTA	468	0.5 kbp upstream
<i>Esr2_2</i>	GGAATAGAATTATTTTGGGAAGAGT	CTCCTCTTCTAAAAACCCACAAAA	425	0.5 kbp downstream
<i>Gata2</i>	TTTGATTGTGGGAGAGGTTGT	CAAAATCCCTAAACCAAAAAACA	428	1.5 kbp upstream
<i>Gata2_2</i>	GGGGTGAGGGAGGTTATAGAGT	AAAATCCCCTCCAACCTTATC	467	1.0 kbp downstream
<i>Gfra2</i>	GTATTTTTATGTTGGGTGGGGTAT	AACTCCAATCCCCAAACCTT	441	2.0 kbp upstream
<i>Gh1</i>	ATTAGTGTAGGGAGGAGTAAAGGTGTAA	ATCCACAAATCCCTAAATAATCTAAAAA	492	0.5 kbp upstream
<i>Gh1_2</i>	TTTTTGATGGGGATAGGGTTATAG	CTCCCTACACTAATACCCTCCAAC	351	1.0 kbp upstream
<i>Ghr</i>	TGATTGGGAGTGTGATGTTTTAAT	CCAAACTCCTATTCCTAAATCCT	384	1.0 kbp upstream
<i>Ghr_2</i>	TTTTTGTAAGTATGGTGTGAAA	AAAAACCATCCCTACTCCCTTAAT	393	2.0 kbp upstream
<i>Gli1</i>	TTTTGTTTTAGATTTAAAGAGGGTGT	ATTTTTCTACCAACCTCATCCTCTAA	375	3.5 kbp upstream
<i>Gnrhr</i>	GAAAGAAGTATTGAAAGTTGTGGAGA	AAAACCAAAACCATCTACTAAAACTACAA	453	0.2 kbp upstream
<i>Lhb</i>	GATGAGTAGAGGGGGATTGTAGA	CCCTCCTACTAACTATCCACAACC	462	0.2 kbp upstream
<i>Lhb_2</i>	GGGATTGAATTTGGAATTTGTATT	TCTACAAATCCCCCTCTACTCATC	395	0.5 kbp upstream
<i>Lhx4</i>	AGGGTATTGTGTTGGTGGAGTTG	AAATACATCAACACACTATTCAAAAA	486	1.5 kbp upstream
<i>Math3</i>	ATTAGTTGTTTATGGGATGTTGGTAG	AACAAAACCCAAATATAATTCCTAACC	309	8.0 kbp downstream
<i>Math3_2</i>	GGGAAAGGGAGGAGTTAGATTG	CAAATCTCCCTAACCATCCAAA	365	1st exon
<i>Myt1l</i>	AATGGATTTTATGGATGGGTTG	TACCTTTTCCAACCACACAAAC	435	1st exon
<i>Pit1</i>	TTTGGGTAAGAAGGAAGATAGTTTAGA	CTAACCATCTCTAAACCCAACCA	432	1st exon
<i>Pit1_2</i>	AAAAATTGATTTAAAATTTGATAGGGAGT	TCTAAAATCTCAATCTTAAACATAATTCC	462	2.5 kbp upstream
<i>Prl</i>	TGTAGTTTTGAAATTTTGGTTAGAAT	AAACTAATCTCCAAATCTCACTTCATT	450	0.2 kbp upstream
<i>Prl_2</i>	TATGGAAGAGGTTTGGGAATTAGATA	TCTAACCAAAAAATTTCAAAACTACAAAA	397	0.5 kbp downstream
<i>Rara</i>	GTTTTGGTAGGGGTGGGATT	TCTTCCCCTCACTTCCCTAA	349	0.5 kbp downstream
<i>Rxr</i>	TGGTGAGAGAGGGTAAGTGA	TTCACACCCAAAACCCAACT	386	1.5 kbp downstream
<i>Shh</i>	GGTTAGGTAGGGTTAAGGGAGA	ACACACACCACCCCATTAAT	439	1.5 kbp upstream
<i>Tbx19</i>	TTAGGTGGGAGAGAGTTTGTTTTT	TCCTCCTAATCTCTAACCCCTTAAACA	427	0.5 kbp upstream
<i>Trhr</i>	AAGATGGTGATTATTTGGTATTTTAGG	TTTCCATTAAACACTCTCAAAACAA	447	0.5 kbp upstream
<i>Wnt3a</i>	AGAGGGAGAAAAGGAAGGTATTAG	CCAAAACTAAACTATAACCAAAATAACA	463	0.5 kbp upstream
<i>Wnt3a_2</i>	GGAGAGGTAAAGAGGGAGAGAAAAG	CTCCCATCTAAATCTCCTCCAAC	394	0.5 kbp downstream
<i>Sall4</i>	ATTGAGTTTGAAGAATGGTGAATGT	CCAATTACTCCAACAATACCCACTA	406	0.5 kbp upstream
<i>Meg3</i>	TTTTTATAGGGAGATGGTTTGTGTT	ACCCCAAAACAAAATAACTAATACCC	304	0.5 kbp upstream
<i>Peg10</i>	TTTGAGAAATTAAGTTTTTAGGGTTT	CAATAAAATACCCATCAATTAACAACA	311	0.5 kbp downstream
RT-PCR primers				
	Forward primer (5' -3')	Reverse primer (5' -3')	Size (bp)	
<i>Gh1</i>	CAAAAAGGGACCAATTCAGA	CATTGGCAAATAGGCTGGAC	193	
<i>Pit1</i>	TTCGGCTGACACCTTTATACCT	ACTCCATAGGTCGATGACTGGT	186	
<i>Lhb</i>	GACTGCTGTTGTGGCTGCT	AAAGCTCAGCTCTCGGTAGGT	236	
<i>Tbx19</i>	GGCAGAGATTCAAGGAAGTCAC	GCTTCACTTTGCTGAAGGAGAT	288	
<i>Prl</i>	TAAAGCCAATATCTGGGGAAGA	TCCGAAGAGAGGTTATGGATGT	277	
<i>Gapdh</i>	ACCACAGTCCATGCCATCAC	TCCACCACCCTGTTGCTGTA	452	