

Table S1: qPCR and MSRE-qPCR chicken specific primers.

qPCR Primers			
Gene	NCBI Ref. Seq.	Fwd Primer	Rev Primer
<i>Ch. Bak1</i>	NM_001030920	ctacgtcaccgaattcatgc	aacattgtccagatcgagtgc
<i>Ch. Bcl2</i>	NM_205339	ttgtacggcaacagtatgagg	ataagcgccaagagtgatgc
<i>Ch. BMP2</i>	NM_204358	tggaatgactggattgttgc	tggaattcaccgaattgacc
<i>Ch. BMP4</i>	NM_205237	agagcctccaggagatcagc	gctgaggttgaagacgaagc
<i>Ch. BMP5</i>	NM_205148	cagcgaaggcactacaagg	gctgctgtcactgcttctcc
<i>Ch. BMP7</i>	XM_417496	aagcacgagctctatgtcagc	cacagtaatacgcagcatagcc
<i>Ch. CTSD</i>	NM_205177	tatggtagattggcattgg	gatgtctagcaggtgacagtgc
<i>Ch. Dkk1</i>	XM_040702954	cggaactcggcactgacc	tcttgaccagaagtggcg
<i>Ch. DNMT1</i>	NM_206952	cgagttcctgcagaacaacc	gagcgaatcctctgtgaagc
<i>Ch. DNMT3a</i>	NM_001024832	gcaggatagccaagttcagc	cacaggatgtcttccttctcg
<i>Ch. DNMT3b</i>	NM_001024828	caagaggctgaagagcaacc	cgctgtgttcgtaacttcg
<i>Ch. FGFR1</i>	NM_205510	ggtaggtgccatcagataagg	ctggtaggtgtggttgatgc
<i>Ch. FGFR2</i>	NM_205319	caagctcctccatgaactcc	ggcagttcatattccgagacc
<i>Ch. FGFR3</i>	NM_205509	ggcgggcagaataacttgagg	ctgttgaagggtgcaatcc
<i>Ch. FGFR4</i>	XM_025154976	cgagctgtacatgctgatgc	cagggtactcctccgagatgg
<i>Ch. Gapdh</i>	NM_204305	ggtagccatcaatgatcc	gttctcagccttgacagtgc
<i>Ch. GLB1</i>	NM_001278147	tgtcacagcagcattcttagc	acaacaatgtgacgggtgcc
<i>Ch. HDAC2</i>	NM_204831	tgatattgtgcttgccatcc	gcttcttcaacaccatcacc
<i>Ch. HDAC3</i>	NM_204747	tgcctctacgagatggtatcg	gagaatctgcaccacactgc
<i>Ch. HDAC8</i>	XM_004940604	cacaagttttgccaggatt	gccatcttgataggcacat
<i>Ch. IL6</i>	NM_204628	gcaagaagttcaccgtgtgc	ggcaggttgaggttgtcc
<i>Ch. MMP2</i>	NM_204420	atgatgatgaccgcaagtgg	tcctcggagtgtctaatcc
<i>Ch. MSX1</i>	NM_205488	caagcacaagaccaacagga	tactgtctctggcggaattt
<i>Ch. MSX2</i>	NM_204559	ctctgaggaagcacaagacg	tggacaggtactgtcttgg
<i>Ch. Noggin</i>	NM_204123	ccagcactacctgcacatcc	ggctccttagcaaggctctcg
<i>Ch. Oct4</i>	NM_001110178	ggtagctcagaccattcacc	cttgtgcttgaggctcttgg
<i>Ch. p21</i>	NM_204396	cgtagaccacgagcagatcc	cgctcgggtctcgaagtgg
<i>Ch. PRMT5</i>	NM_001320230	gcagtacctggagcatgtgg	actccaggtgtccatcagg
<i>Ch. Scleraxis</i>	NM_204253	caccaacagcgtcaacacc	cgctcgcgatcttgacagc
<i>Ch. Sox9</i>	NM_204281	gaggaagtcggtgaagaacg	gatgctggaggatgactgc
<i>Ch. SPRY1</i>	NM_001097524	gccttgctgtctgttacc	gtgttgaggttcttgcacg
<i>Ch. TET3</i>	XM_015297468	aagaggagaagctgctgtgc	gctcctggtacagtgtgtcg
<i>Ch. Wnt5a</i>	NM_204887	ggtagcagcagttcaagacg	tgggtccacgatctctgtgc
MSRE-qPCR Primers			
Gene	CpG Island	Fwd Primer	Rev Primer
<i>Ch. Sox9</i>	CpG: 373	gtctctgccggtttacttct	atcaggggaggagaaaacgga
<i>Ch. Sox9</i>	CpG: 373	atcttgcctcggaggagtcg	gagattcatgcgagaaagcgg
<i>Ch. Scleraxis</i>	CpG: 138	ctgtaccccagatcagcat	ggtgttgacgctgttgggtg
<i>Ch. Scleraxis</i>	CpG: 138	acagagcggacgtttggg	cgtagcgggtgctaattggggc