

Supplementary Table S1. Primer sequences used for quantitative RT-PCR

Gene	Accession	Forward Primer	Reverse Primer
<i>bactin1</i>	NM_131031.1	CGAGCAGGAGATGGGAACC	CAACGGAAACGCTCATTGC
<i>gh1</i>	NM_001020492	TCGTTCTGCAACTCTGACTCC	CCGATGGTCAGGCTGTTTGA
<i>ghrb</i>	NM_001111081.1	GCTGCGCTCTGTTGATAATGT	GGCGGAGGGAGGTGGAT
<i>igf2b</i>	NM_001001815	AACCTGCCAAGTCAGAGAGGG	GGACCTCCTGTTTTAATGCGG
<i>igfbp1b</i>	NM_001098257.2	GTCACAACTCAACGCCATCC	GAACTTCTCTCCCAACGCCT
<i>igfbp5b</i>	NM_001126463.1	CAGGGGAGTGTGTACGAACG	AGTCGTGTCTGGCTTCACTG
<i>igfbp6b</i>	NM_001161402.2	CATCGCTTCTCCTACGGGAC	GGGGTCTCGAACTCACCATT
<i>pmch</i>	NM_001202542.1	TTCATACTTGCGGACACAGG	TCCATCGTGCTGAATCCATC
<i>agrp2</i>	NM_001271291.1	AGTTCAGTCCATCACATGCG	TTTCTCCTGATTCCACACTCC
<i>npy</i>	NM_131074.2	AGCACTAAGACACTACATCAACC	GATGAGATCACCATGCCAAATG
<i>hcrt</i>	NM_001077392	TCATGGACTGCACAGCTAAG	CATCTCGTAGAGTTTGCAGGAG
<i>bdnf</i>	NM_001308648.1	AGCATCTGTTGGAGTGTGTG	CAGCTCTCATGCAACTGAAG
<i>sim1a</i>	NM_178222.3	CTGTACATTTCAGAAACGGCG	AAGTGTGAATGATAGGGCTGG
<i>crhb</i>	NM_001007379.1	CCAAGGATTTACCAATTACGCAC	CGATGGCTCTACATTCATACGG
<i>trh</i>	NM_001012365.2	GCGCTCCATCCTCACAC	GCTGTCGCTTCTCCATCC
<i>pcsk2</i>	NM_001142266	TCTCGCCTCAAACCTACAACG	TGGAAACGGCAGACACTTC
<i>ghrl</i>	NM_001083872.1	GTGTTTCTCTTTCCTTGTGTCTC	TTCTTTGATCACTGGTATCTCTGG

Supplementary Table S2. Primer sequences used for in situ hybridization probes

Gene	Accession	Forward Primer	Reverse Primer
<i>pomca</i>	NM_181438	ACAGAGGAGAACATCTTGGAATGC	GCCACCTTCGTTTCTATGCATGA
<i>bdnf</i>	NM_001308648.1	GTCATTGAGGAGTTGCTTGAG	TATCTGCCCCTCTTA ATGGTC
<i>gh1</i>	NM_001020492	ATCCGTGTGCAACACCTTCACCAG	CCATGCCTGCTTGATATTTCTGC
<i>sim1a</i>	NM_178222.3	TGTTGCTGGTAAAAGGACAAG	CCCATTCTCAGGTGAAGATT