

Supplementary files

Table 1 The primers used for cDNA cloning and qPCR

Primer names	Primer sequence (5'–3')	Purpose
<i>mc3r-f</i>	ACAGAAACCTGCTAACA	PCR
<i>mc3r-r</i>	CAACACACAAACACTCC	PCR
<i>mc3r-3'-1</i>	GTGTCTAATCACAATGTTCTTT	3' RACE
<i>mc3r-3'-2</i>	CAACTCTGTGATTGACCCCCTC	3' RACE
<i>mc3r-5'-1</i>	TTGACCACAGCCGAGATGACGA	5' RACE
<i>mc3r-5'-2</i>	CAGAAGACTCACAATACCCAAG	5' RACE
<i>mc3r-qf</i>	CCAGAGAATCGCAGCATTAC	qRT-PCR
<i>mc3r-qr</i>	GAGGATGGAGATGGTCACG	qRT-PCR
<i>mc4r-qf</i>	AGCACCACCGTTCTCATCTG	qRT-PCR
<i>mc4r-qr</i>	CCAGGGAGGGCAGCAATG	qRT-PCR
<i>mrp2a-qf</i>	GGCAACTCAAGAGGACAG	qRT-PCR
<i>mrp2a-qr</i>	CCAATAGTAAATCTTCGTCTCC	qRT-PCR
<i>mrp2b-qf</i>	CCTCTTTCACTTCTACATCCAC	qRT-PCR
<i>mrp2b-qr</i>	GCTCGTCTTCGTCTGTCG	qRT-PCR
<i>pomc-qf</i>	CCTCTTTCACTTCTACATCCAC	qRT-PCR
<i>pomc-qr</i>	GCTCGTCTTCGTCTGTCG	qRT-PCR
<i>agrp-qf</i>	ATGATGAGGATCTGGGTAAGGC	qRT-PCR
<i>agrp-qr</i>	CAGCAGGGCAGGTGATGG	qRT-PCR
<i>gapdh-qf</i>	AGGCTGTGGGCAAAGTCATTC	qRT-PCR
<i>gapdh-qr</i>	GAGAGGCGGCAGGTGAGG	qRT-PCR
<i>18s-qf</i>	CCGTCGCCGCTGAATACC	qRT-PCR
<i>18s-qr</i>	CGCTCTCGTCCGTCTTGC	qRT-PCR
<i>hpri-qf</i>	TGCCGAAACTCCAACAAGACC	qRT-PCR
<i>hpri-qr</i>	TCCACAATAGCTCCACAATCAG	qRT-PCR
<i>β-actin-qf</i>	TCACACCTTCTACAACGAGCTGCG	qRT-PCR
<i>β-actin-qr</i>	GAAGCTGTAGCCTCTCTCGGTCAG	qRT-PCR