

Additional file 1

Primer list for additional genes quantitated by real-time PCR

SYBR Green primers	5' to 3'	3' to 5'
<i>Acaca</i>	fw acctgtacaagcagtgtgggct	rev cacatggcctggcttgagg
<i>Acat2</i>	fw tgtcctgtctttgccaaca	rev catgcaagatggagagcagc
<i>Abcg5</i>	fw cgccgacttctacaacaaga	rev gggggagaaggagagctg
<i>Acot1</i>	fw ctggcgcacgcaggatc	rev ggcacttttcttgatagctcc
<i>Apob</i>	fw tcagtgaaggtaccaaccgga	rev tgacgtggacttggctctc
<i>Asbt</i>	fw agctggcaaccctgggtaca	rev gggggagaaggagagctg
<i>Cd36</i>	fw ttgtacctatactgtggctaaatgaga	rev cttgtgtttgaacatttctgctt
<i>Cyclophilin</i>	fw gatgagaactcatcctaagcataca	rev tcagtcttggcagtgagataaa
<i>Fas</i>	fw ggcatcattgggactcctt	rev gctcaagcacagcctctct
<i>Hmg-CoA red</i>	fw ccggcaacaacaagatctgtg	rev atgtacaggatggcgatgca
<i>Hprt</i>	fw ggtgaaaaggacctctcgaagtg	rev atagctaaggcatatccaacaac
<i>I-fabp</i>	fw acggaacggagctcactg	rev ttaccagaaacctctcggaca
<i>Ldlr</i>	fw gcatcagcttgacaaggtgt	rev gggaacagccaccattgttg
<i>L-fabp</i>	fw ccatgactgggaaaaagtc	rev gcctttgaaagttgcacat
<i>Ncp111</i>	fw tacacggcctgtcttct	rev cagtaccagagcttggttaacatc
<i>Psc9</i>	fw cagggtggaatgcaaatc	rev gccacagtacctgctctga
<i>Srebp1</i>	fw ggagccatggattgcacatt	rev ggcccgggaagtactgt

Taqman expression assays	
<i>18S</i>	4310893E-0211020 (VIC-TAMRA)
<i>Apoa2</i>	Mm00442687_m1
<i>Dgat1</i>	Mm00515643_m1
<i>Dgat2</i>	Mm00499530_m1
<i>Mttp</i>	Mm00435015_m1
<i>Pck1</i>	Mm00440636_m1
<i>Pdk4</i>	Mm00443325_m1
<i>Pklr</i>	Mm00443090_m1
<i>Slc2a2</i>	Mm00446224_m1

Taqman expression assays for the two custom made Taqman low density arrays (TLDA).

Abcd1-Mm00431749_m1	Cpt1a-Mm00550438_m1	Ogdh-Mm00803121_m1
Abcd2-Mm00496455_m1	Cpt1b;Chkb-cpt1b-	Pck2-Mm00551411_m1
Abcd3-Mm00436150_m1	Mm00487200_m1	Pcx-Mm01239167_m1
Acaa1a-Mm00728460_s1	Cpt2-Mm00487205_m1	Pdha1-Mm00468675_m1
Acaa1b-Mm00728805_s1	Crat-Mm00483985_m1	Pdk1-Mm00554306_m1
Acacb-Mm01204691_m1	Crot-Mm00470079_m1	Pdk2-Mm00446681_m1
Acadl-Mm00599660_m1	Cs-Mm00466043_m1	Pdk3-Mm00455220_m1
Acadm-Mm00431611_m1	Dci-Mm00494452_m1	Pdk4-Mm00443325_m1
Acads-Mm01203498_m1	Decr1-Mm00470689_m1	(Pdp2)4833426J09Rik-
Acadvl-Mm00444296_m1	Decr2-Mm00496393_m1	Mm01252669_s1
(Acnat1)RP23-34B24.1-	Ech1-Mm00469322_m1	Peci-Mm00478725_m1
Mm01624101_s1	Ehhadh-Mm00470091_s1	Pecr-Mm00502709_m1
(Acnat2)C730036D15Rik-	Ephx2-Mm00514706_m1	Phyh-Mm00477734_m1
Mm01626730_s1	Esrra-Mm00433143_m1	Pmvk-Mm00503429_m1
Aco2-Mm00475673_g1	Fdps-Mm00836315_g1	Ppara-Mm00440939_m1
Acot12-Mm00499641_m1	Gpam-Mm00833328_m1	Ppard-Mm01305434_m1
Acot2-Mm01622461_s1	Gpx1-Mm00656767_g1	Pparg-Mm00440945_m1
Acot3-Mm00652967_m1	Gstk1-Mm00504022_m1	Ppargc1a-Mm01208832_m1
Acot4-Mm00506680_m1	Hacl1-Mm00517379_m1	Ppargc1b-Mm00504720_m1
Acot6-Mm01297748_m1	Hadha-Mm00805228_m1	Prdx3-Mm00545848_m1
Acot8-Mm00504683_m1	Hmgcs2-Mm00550050_m1	Prdx5-Mm00465365_m1
Acox1-Mm00443579_m1	Hsd17b4-Mm00500443_m1	Scp2-Mm01257982_m1
Acox2-Mm00446408_m1	Hspa1b-Mm03038954_s1	Sdha-Mm01352366_m1
Acox3-Mm00446122_m1	Hspd1-Mm00849835_g1	Slc25a1-Mm01171197_g1
Acs14-Mm00490331_m1	Hspe1-Mm00434083_m1	(Fatp-1)Slc27a1-
Aldh3a2-Mm00839320_m1	Idi1-Mm00836417_g1	Mm00449511_m1
Amacr-Mm00507717_m1	Mcl1-Mm01257351_g1	(Vlacs)Slc27a2-
Atp5e-Mm00445969_m1	Mdh2-Mm00725890_s1	Mm00449517_m1
Atp5g1;Gm10039-	Me2-Mm00521023_m1	Sod2-Mm01313000_m1
Mm01303239_gH	Mvd-Mm00507014_m1	Suclg2-Mm01182166_g1
Baat-Mm00476075_m1	Mvk-Mm00445773_m1	Txn2-Mm00444931_m1
Bax-Mm00432051_m1	Ndufs2-Mm00467603_g1	Txnrd2-Mm00496774_m1
Bcl2l1-Mm00437783_m1	Nfe2l2-Mm00477784_m1	Ucp2-Mm00627599_m1
Bid-Mm00432073_m1	Nrf1-Mm00447996_m1	Ucp3-Mm01163394_m1
Cat-Mm00437992_m1	Nrip1-Mm01343437_m1	(Upc4)Slc25a27-
Cox10-Mm00617695_m1	Nudt19-Mm00473613_m1	Mm00511820_m1
Cox4i1-Mm00438289_g1	Nudt7-Mm00452560_m1	Uqcrfs1-Mm00481849_m1
		18S-Hs99999901_s1