

## Supplementary Material

**Supplementary table 1.** Specific gene expression probes used for the quantitative real time PCR analysis.

3T3-L1 gene expression analysis ( <i>Mus musculus</i> )		
Gene	Description	Gene Expression Assay
<i>Pparg</i>	Peroxisome proliferator activated receptor gamma	Mm00440940_m1 *
<i>Cebpa</i>	CCAAT/enhancer binding protein (C/EBP), alpha	Mm00514283_s1 *
<i>Fasn</i>	Fatty acid synthase	Mm00662319_m1 *
<i>Scd1</i>	Stearoyl-Coenzyme A desaturase 1	Mm00772290_m1 *
<i>Lpl</i>	Lipoprotein lipase	Mm00434764_m1 *
<i>Tbp</i>	TATA box binding protein. Housekeeping gene control	Mm00446973_m1 *

  

Rat gene expression analysis ( <i>Rattus norvegicus</i> )		
Gene	Description	TaqMan Gene Expression Assay
<i>Adipoq</i>	Adiponectin, C1Q and collagen domain containing	Rn00595250_m1 *
<i>Pparg</i>	Peroxisome proliferator activated receptor gamma	Rn00440945_m1 *
<i>Cebpa</i>	CCAAT/enhancer binding protein (C/EBP), alpha	Rn00560963_s1 *
<i>Fasn</i>	Fatty acid synthase	Rn00569117_m1 *
<i>Srebf1</i>	Sterol regulatory element binding transcription factor 1	Rn01495769_m1 *
<i>Glut1</i>	Solute carrier family 2 member 1 ( <i>Slc2a1</i> )	Rn.PT.58.12341770 **
<i>Glut4</i>	Solute carrier family 2 member 4 ( <i>Slc2a4</i> )	Rn.PT.58.10149212 **
<i>Tbp</i>	TATA box binding protein. Housekeeping gene control	Rn01455646_m1 *

\* TaqMan® Gene Expression Assays (Thermo Fisher Scientific).

\*\* PrimeTime qPCR Probe Assays (Integrated DNA Technologies, Inc).