

Table S5. Confirmation of Gene Expression by qPCR in Inguinal Adipose Tissue.

Gene	Fold-Change				
	CF	MR	<i>P value</i>	MRC	<i>P value</i>
<i>Acacb</i>	1.00 ± 0.21	0.86 ± 0.31	0.700	0.48 ± 0.22	0.384
<i>Acly</i>	1.00 ± 0.16	2.84 ± 0.26	<0.001*	0.65 ± 0.16	0.219
<i>Aco2</i>	1.00 ± 0.05	1.93 ± 0.14	<0.001*	0.81 ± 0.07	0.015
<i>Aldoc</i>	1.00 ± 0.19	0.74 ± 0.26	0.729	0.57 ± 0.27	0.554
<i>Aqp7</i>	1.00 ± 0.13	2.86 ± 0.48	0.002*	1.20 ± 0.24	0.649
<i>Ccr5</i>	1.00 ± 0.13	0.79 ± 0.09	0.250	1.32 ± 0.14	0.160
<i>Dusp18</i>	1.00 ± 0.03	0.77 ± 0.04	0.029*	0.93 ± 0.07	0.367
<i>Dusp4</i>	1.00 ± 0.14	8.84 ± 1.67	<0.001*	0.97 ± 0.12	0.979
<i>Fads1</i>	1.00 ± 0.18	0.82 ± 0.28	0.591	0.50 ± 0.20	0.327
<i>Fads2</i>	1.00 ± 0.21	0.89 ± 0.31	0.751	0.48 ± 0.21	0.396
<i>Fgf21</i>	1.00 ± 0.04	1.84 ± 0.23	0.003*	0.85 ± 0.11	0.493
<i>Gpr81</i>	1.00 ± 0.16	2.89 ± 0.59	0.006*	1.23 ± 0.18	0.656
<i>Hmgcs2</i>	1.00 ± 0.20	0.87 ± 0.28	0.702	0.49 ± 0.23	0.379
<i>Insig1</i>	1.00 ± 0.14	2.99 ± 0.40	<0.001*	1.14 ± 0.24	0.731
<i>Lbp</i>	1.00 ± 0.18	0.45 ± 0.15	0.299	0.79 ± 0.29	0.519
<i>Ldha</i>	1.00 ± 0.05	1.62 ± 0.14	0.006*	1.02 ± 0.13	0.881
<i>Lpin1</i>	1.00 ± 0.06	2.77 ± 0.29	<0.001*	0.96 ± 0.11	0.874
<i>Mif</i>	1.00 ± 0.11	1.11 ± 0.12	0.569	0.71 ± 0.14	0.222
<i>Niban</i>	1.00 ± 0.05	0.85 ± 0.04	0.061	1.13 ± 0.05	0.059
<i>Pc</i>	1.00 ± 0.11	2.55 ± 0.19	<0.001*	0.72 ± 0.13	0.179
<i>Pck1</i>	1.00 ± 0.19	2.60 ± 0.56	0.011*	0.95 ± 0.19	0.916
<i>Pck2</i>	1.00 ± 0.11	1.26 ± 0.21	0.570	1.24 ± 0.12	0.476
<i>Pde3b</i>	1.00 ± 0.12	2.47 ± 0.54	0.018*	1.12 ± 0.16	0.797
<i>Pfkfb3</i>	1.00 ± 0.08	3.25 ± 1.03	0.048*	1.19 ± 0.21	0.821
<i>Pik3r3</i>	1.00 ± 0.10	0.70 ± 0.09	0.386	0.74 ± 0.18	0.342
<i>Prss15</i>	1.00 ± 0.05	1.32 ± 0.08	0.018*	0.89 ± 0.08	0.280
<i>Retn</i>	1.00 ± 0.10	2.31 ± 0.41	0.005*	0.83 ± 0.17	0.643
<i>Slc36a2</i>	1.00 ± 0.13	5.97 ± 1.15	<0.001*	1.30 ± 0.16	0.743
<i>Stat5a</i>	1.00 ± 0.17	0.84 ± 0.24	0.618	0.60 ± 0.22	0.491
<i>Tgfb3</i>	1.00 ± 0.18	0.77 ± 0.25	0.729	0.63 ± 0.21	0.563
<i>Tshr</i>	1.00 ± 0.15	2.17 ± 0.38	0.017*	1.11 ± 0.19	0.766
<i>Tnfrs21</i>	1.00 ± 0.16	0.60 ± 0.17	0.444	0.74 ± 0.23	0.580

Values are expressed as the fold-change compared to CF rats and analyzed by One-way ANOVA.

*Significantly different compared to CF rats; $p < 0.05$.