

Table S4. Cohort characteristics of probands and samples included in quantitative real-time PCR analysis

	Lean			Overweight and Obese			p
	N	Mean±SEM	Range	N	Mean±SEM	Range	
Male/Female (% male)	171	108/63 (63.2)	-	101	57/44 (56.4)	-	0.273 ^a
Age [years]	171	7.6±0.4	0.1–18.4	101	11.9±0.4	1.0–18.4	<0.001
PH	137	2.1±0.1	1–6	91	3.0±0.2	1–6	<0.001
BMI SDS	168	-0.2±0.1	-3.2–1.2	101	2.2±0.1	1.3–4.3	<0.001
Adipocyte size [µm]	28	112.1±2.6	83.2–134.5	40	123.2±2.3	98.0–146.2	0.002
Macrophages per 100 adipocytes	141	7.0±0.6	0–29	87	13.7±1.8	0–115	<0.001^b
Leptin [ng/ml]	89	5.8±0.6	0.2–28.2	87	28.8±2.5	0.6–99.0	<0.001^b
HOMA-IR	118	1.3±0.1	0.1–5.6	87	3.3±0.3	0.1–12.7	<0.001^b
<i>COBL</i> expression [A.U.]	170	199±21	6–2,193	101	184±48	5–4,766	0.029^b
<i>MKX</i> expression [A.U.]	171	355±38	9–4,060	100	152±17	10–1,138	<0.001^b
<i>MYOC</i> expression [A.U.]	171	21,695±1,801	143–141,979	100	18,739±2,211	33–199,029	0.876 ^b

^aFor sex, statistical significance was determined by chi-squared test. ^bStatistical analyses were performed for log-transformed parameters. Significant *p*-values are indicated in bold. PH, pubertal stage according to pubic hair (PH); BMI SDS, body mass index standard deviation score; HOMA-IR, homeostasis model assessment of insulin resistance; *COBL*, cordon-bleu WH2 repeat protein; *MKX*, mohawk homeobox; *MYOC*, myocilin