Table S1. Fasting concentrations of all serum proteins at week 24

Analyte	Control	Obese	LFD	LFCR	MCR	ICR
Leptin (ng/ml)	3.3 (3.3)^{a}	73 (43)^{b}	10 (6.0)^{a}	5.6 (3.3)^{a}	7.8 (3.5)^{a}	7.8 (5.5)^{a}
Adiponectin (μg/ml)	16.1 (3.3)^{a}	17.5 (3.7)^{ab}	18.7 (5.7)^{ab}	21.6 (4.5)^{ab}	23.0 (7.2)^{ab}	24.9 (3.1)^{b}
Insulin (ng/ml)	5.0 (2.9)^{a}	13.3 (8.3)^{b}	6.5 (1.7)^{a}	7.5 (5.5)^{ab}	4.9 (2.4)^{a}	5.7 (3.1)^{a}
PAI-1 (ng/ml)	2.6 (1.2)^{a}	4.0 (0.9)^{b}	3.3 (0.7)^{ab}	3.7 (0.6)^{ab}	3.2 (0.6)^{ab}	3.6 (0.6)^{ab}
Resistin (ng/ml)	290 (163)^{ab}	399 (120)^{a}	271 (109)^{ab}	248 (47)^{ab}	241 (84)^{b}	236 (82)^{b}
IGF-1 (ng/ml)	63.9 (20)^{ac}	98.0 (36)^{b}	89.6 (17)^{bc}	45.4 (11)^{a}	44.1 (13)^{a}	39.5 (4.8)^{a}
Ghrelin (ng/ml)	17.0 (15)	12.9 (4.6)	21.6 (4.5)	18.9 (15)	20.5 (10)	27.3 (16)
GIP (pg/ml)	505 (239)^{a}	828 (126)^{b}	654 (113)^{ab}	563 (40)^{a}	569 (92)^{a}	571 (205)^{a}
GLP-1 (pg/ml)	141 (85)	174 (124)	76 (26)	172 (62)	141 (85)	147 (74)
Glucagon (ng/ml)	370 (207)	553 (322)	369 (215)	419 (182)	394 (218)	433 (337)
GM-CSF (pg/ml)	492 (75)	453 (72)	471 (140)	358 (74)	407 (76)	429 (76)
IL-1β (pg/ml)	1.2 (0.2)^{ab}	1.6 (0.4)^{bc}	1.7 (0.4)^{b}	1.1 (0.2)^{a}	1.2 (0.2)^{ab}	1.2 (0.2)^{ac}
IL-6 (pg/ml)	41 (19)^{a}	103 (39)^{bc}	108 (44)^{b}	47 (17)^{a}	49 (21)^{a}	55 (21)^{ac}
IL-10 (ng/ml)	455 (108)	432 (216)	505 (109)	350 (65)	344 (88)	364 (104)
IL-17A (ng/ml)	376 (295)	394 (283)	493 (353)	303 (199)	261 (45)	318 (208)
IFNγ (pg/ml)	86.7 (46)	121 (56)	115 (72)	80.6 (39)	83.7 (39)	87.1 (38)
MCP-1 (ng/ml)	1.6 (0.4)	1.8 (0.4)	1.7 (0.5)	1.4 (0.4)	1.7 (0.4)	1.7 (0.4)
TGFβ (ng/ml)	116 (16)^{a}	181 (39)^{b}	167 (32)^{b}	120 (28)^{a}	118 (31)^{a}	124 (14)^{a}
TNFα (ng/ml)	7.5 (3.3)^{a}	17.4 (4.8)^{b}	15.2 (6.4)^{b}	6.2 (2.4)^{a}	7.0 (3.3)^{a}	7.8 (3.0)^{a}

Multiplex immunoassay analyses were performed on serum collected by submandibular bleed after a 4-6 hr fast, one week prior to tumor injections and nine weeks after the diet switch (n=5-8 samples/group). Standard deviations ar shown in parentheses. Abbreviations: GIP, gastric inhibitory polypeptide; GLP-1, glucagon-like peptide-1; GM-CSF, granulocyte-macrophage colony-stimulating factor; ICR, intermittent calorie restricted; IGF-1, insulin-like growth factor; IL-1β, interleukin 1 beta; IL-6, interleukin 6; IL-10, interleukin 10; IL-17A, interleukin 17A; IFNγ, interferon gamma; LFCR, low-fat calorie-restricted; LFD, low-fat diet; MCP-1, macrophage chemoattractant protein-1; MCR, Mediterranean-style calorie restricted; PAI-1, plasminogen activator inhibitor-1; TGFβ, transforming growth factor beta; TNFα, tumor necrosis factor alpha. Different letters indicate significant differences, $P<0.05$.