

Supplementary Table 1: Hyperinsulinemic-euglycemic clamp serum analytes and parameters.

	AMPK-WT						AMPK-MKO					
	HFD			HFD+R419			HFD			HFD+R419		
	Average	±SEM	N	Average	±SEM	N	Average	±SEM	N	Average	±SEM	N
Basal State												
Blood Glucose (mmol/l)	11.7	0.8	10	10.3	0.7	11	10.2	0.4	6	10.5	0.8	8
HGP (mg kg⁻¹ min⁻¹)	35.4	2.6	10	32.4	1.8	11	28.6	1.7	6	31.2	3.0	8
Clamped State												
HGP (mg kg⁻¹ min⁻¹)	22.8	2.1	10	14.4 [‡]	2.4	11	21.3	1.9	6	23.4	1.8	8
% Suppression (%)	32.1	7.8	10	51.3	8.4	11	24.2	8.2 ^{§§}	6	20.0 ^{§§}	6.6	8
Blood Glucose (mmol/l)	6.4	0.1	10	6.4	0.1	11	6.3	0.1	6	6.3	0.2	8
Steady State Insulin (ρmol/l)	268.0	39.2	8	376.8	118.6	8	378.8	85.1	5	318.8	67.5	4
NEFA (mmol/l)	0.4	0.1	10	0.6	0.1	9	0.6	0.0	6	0.6	0.2	6