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SUPPLEMENTAL TABLE 1 Physiological variables of normal, *db/db*, and *db/db*+G mice treated for 8 wk[1]

Characteristics	*n*	Normal	*db/db*	*db/db*+G
Body weight, *g*	20	30.1 ± 0.4^{b}	43.6 ± 0.8^{a}	44.2 ± 0.8^{a}
Food intake, *g/day*	20	2.2 ± 0.1^{b}	4.8 ± 0.3^{a}	4.2 ± 0.3^{a}
Blood glucose [2], *mmol/L*	10	6.6 ± 0.3^{c}	27.2 ± 2.8^{a}	17.6 ± 0.9^{b}
Serum lipids				
Total cholesterol, *mmol/L*	8	3.9 ± 0.3^{b}	5.0 ± 0.2^{a}	5.5 ± 0.3^{a}
Triglycerides, *mmol/L*	6	1.2 ± 0.1^{b}	2.5 ± 0.2^{a}	2.0 ± 0.3^{a}
HDL-cholesterol , *mmol/L*	6	1.2 ± 0.1^{b}	1.4 ± 0.1^{ab}	1.6 ± 0.1^{a}
Blood pressure, *mm Hg*	8			
Systolic		145 ± 4^{b}	162 ± 5^{a}	147 ± 7^{ab}
Diastolic		111 ± 3^{b}	130 ± 6^{a}	114 ± 7^{ab}
Body composition	20			
Fat (%)		14.4 ± 0.5^{b}	40.4 ± 0.4^{a}	41.3 ± 0.3^{a}
Lean (%)		68.3 ± 1.0^{a}	42.4 ± 0.4^{b}	41.5 ± 0.3^{b}
Fluid (%)		8.2 ± 0.1^{b}	9.9 ± 0.1^{a}	9.9 ± 0.1^{a}

[1] Values are mean ± SEM. Means in a row with superscript without a common letter differ, $P < 0.05$.

[2] Blood samples were obtained from food-deprived mice.

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SUPPLEMENTAL FIGURE 1 Mouse aortic endothelial cells (MAEC) from *db/db* mice. Confluent monolayer of MAEC imaged under phase-contrast microscopy (*A*). Characterization of MAEC with endothelial cell marker DiO-Ac-LDL and the uptake of Dio-Ac-LDL by MAEC is shown by fluorescence (*B*).