

**Supplemental Table 1.** Effects of bezafibrate treatment for 4 weeks on weight of body and several tissues in KK mice fed a HFD.

	Control	Beza
Body weight (g)	34.6 ± 0.33	30.7 ± 0.66**
Epididymal WAT (g / 100 g BW)	4.01 ± 0.15	2.26 ± 0.12**
Perireanal WAT (g / 100 g BW)	1.88 ± 0.07	1.08 ± 0.04**
Mesenteric WAT (g / 100 g BW)	1.93 ± 0.11	1.00 ± 0.08**
Intraperitoneal WAT (g / 100 g BW)	7.83 ± 0.29	4.34 ± 0.17**
Liver (g / 100 g BW)	4.32 ± 0.66	11.64 ± 0.18**
Kidney (g / 100 g BW)	1.26 ± 0.05	1.50 ± 0.02**
Spleen (g / 100 g BW)	0.29 ± 0.02	0.34 ± 0.03
Interscapular BAT (g / 100 g BW)	0.57 ± 0.04	0.41 ± 0.04*

BAT, brown adipose tissue

Values are means ± SEM of 5-6 mice per group.

\*  $P < 0.05$ , \*\*  $P < 0.01$  compared with control diet group.

**Supplemental Table 2.** Effects of bazedapril treatment for 6 weeks on weight of body and several tissues in WT and PPAR $\alpha$  (-/-) mice fed a HFD.

	WT		PPAR $\alpha$ (-/-)	
	Control	Beza	Control	Beza
Body weight (g)	27.6 $\pm$ 1.17	26.4 $\pm$ 0.48	28.7 $\pm$ 1.07	28.9 $\pm$ 0.93
Epididymal WAT (g / 100 g BW)	3.21 $\pm$ 0.30	2.30 $\pm$ 0.11 <sup>**</sup>	3.64 $\pm$ 0.39	3.70 $\pm$ 0.17 <sup>††</sup>
Perireanal WAT (g / 100 g BW)	1.13 $\pm$ 0.12	0.66 $\pm$ 0.04 <sup>**</sup>	1.25 $\pm$ 0.11	1.34 $\pm$ 0.03 <sup>††</sup>
Mesenteric WAT (g / 100 g BW)	1.26 $\pm$ 0.09	0.84 $\pm$ 0.06 <sup>**</sup>	1.25 $\pm$ 0.10	1.23 $\pm$ 0.09 <sup>††</sup>
Intraperitoneal WAT (g / 100 g BW)	5.60 $\pm$ 0.50	3.80 $\pm$ 0.19 <sup>**</sup>	6.14 $\pm$ 0.56	6.26 $\pm$ 0.23 <sup>††</sup>
Inguinal WAT (g / 100 g BW)	1.55 $\pm$ 0.14	1.09 $\pm$ 0.05 <sup>**</sup>	1.43 $\pm$ 0.11	1.50 $\pm$ 0.07 <sup>††</sup>
Liver (g / 100 g BW)	3.37 $\pm$ 0.04	7.82 $\pm$ 0.15 <sup>**</sup>	5.79 $\pm$ 0.17 <sup>††</sup>	6.38 $\pm$ 0.12 <sup>*††</sup>
Kidney (g / 100 g BW)	1.26 $\pm$ 0.04	1.59 $\pm$ 0.02 <sup>**</sup>	1.32 $\pm$ 0.05	1.26 $\pm$ 0.03 <sup>††</sup>
Spleen (g / 100 g BW)	0.19 $\pm$ 0.01	0.21 $\pm$ 0.01	0.22 $\pm$ 0.01	0.27 $\pm$ 0.06
Intrascapular BAT (g / 100 g BW)	0.31 $\pm$ 0.01	0.31 $\pm$ 0.03	0.32 $\pm$ 0.01	0.30 $\pm$ 0.02

BAT, brown adipose tissue

Values are means  $\pm$  SEM of 5-6 mice per group.

\*  $P < 0.05$ , \*\*  $P < 0.01$  compared with control diet group. ††  $P < 0.01$  compared with WT mice fed the same diet.