

Table S2: Mice organ and tissue weight. Organs and tissue were collected at sacrifice, 200 days after weaning. Results were tested by one-way ANOVA with Tukey's Multicomparison test. Statistical significance was considered when $p < 0.05$. Results are expressed as mean (g) \pm SEM. † –vs CTRL; ‡ –vs HFD; § – vs HFDt. * $p < 0.05$; **

	L. testis	R. testis	R. epididymis	Liver	Seminal vesicles	Epididymal fat	Perirenal fat	Retroperitoneal fat	BAT
CTRL	0.11 \pm 0.00	0.11 \pm 0.00	0.06 \pm 0.00	1.15 \pm 0.02	0.25 \pm 0.02	0.73 \pm 0.07	0.29 \pm 0.04	0.32 \pm 0.04	0.14 \pm 0.01
HFD	0.12 \pm 0.00	0.11 \pm 0.00	0.06 \pm 0.00	1.38 \pm 0.09 †*	0.31 \pm 0.01	2.21 \pm 0.23 †****	1.56 \pm 0.11 †****	2.52 \pm 0.21 †****	0.18 \pm 0.01
HFD_t	0.11 \pm 0.00	0.11 \pm 0.00	0.06 \pm 0.00	1.08 \pm 0.13 ‡****	0.27 \pm 0.03	0.63 \pm 0.09 ‡****	0.23 \pm 0.04 ‡****	0.35 \pm 0.06 ‡****	0.16 \pm 0.01

$p < 0.005$; *** < 0.0005 ; **** $p < 0.0001$.