

**Table S3:** Correlation factors between testicular mice total body weight and collected tissues. GSI and Fat mass were also considered in this correlation as they are result from weight measurements of gonads and adipose tissue, respectively. The correlation was obtained using the Spearman r with Approximate p-value (n = 35). \* p < 0.05; \*\* p < 0.005; \*\*\* < 0.0005; \*\*\*\* p < 0.0001.

	<b>R testis</b>	<b>L testis</b>	<b>R epididymis</b>	<b>Seminal Vesicles</b>	<b>Liver</b>	<b>GSI</b>	<b>BAT</b>	<b>Epididymal fat</b>	<b>Perirenal fat</b>	<b>Retroperiton. fat</b>	<b>Fat mass</b>
<b>r value</b>	0.4021 *	0.0703	0.0241	0.4732 **	0.7015 ****	-0.7964 ****	0.4294 *	0.8793 ****	0.8959 ****	0.7695 ****	0.8209 ****
<b>P (two-tailed)</b>	0.0166	0.6882	0.8907	0.0041	< 0.0001	< 0.0001	0.0100	< 0.0001	< 0.0001	< 0.0001	< 0.0001