

Supplemental Table II: Energy expenditure analysis in CatK-deficient female mice.

Parameters	CatK^{+/+} (n=10)	CatK^{-/-} (n=5)	P Values*
Food Consumption (gram/24 hrs)	3.03 ± 0.33	3.84 ± 0.27	0.10
Water Consumption (ml/24 hrs)	6.30 ± 0.75	7.20 ± 0.44	0.81
Fecal Output (gram/24 hrs)	1.61 ± 0.22	2.06 ± 0.23	0.16
Urine Volume (ml/24 hrs)	1.50 ± 0.15	1.80 ± 0.31	0.50
O ₂ Consumption (ml/min)	3.34 ± 0.13	3.03 ± 0.22	0.22
CO ₂ Production (ml/min)	2.11 ± 0.11	1.75 ± 0.13	0.06
Metabolic Rate** (cal/min)	15.53 ± 0.63	13.87 ± 0.99	0.18

*Non-parametric Mann Whitney test.

**Metabolic rate = $V_{CO_2} \times 1.106 + V_{O_2} \times 3.941$.