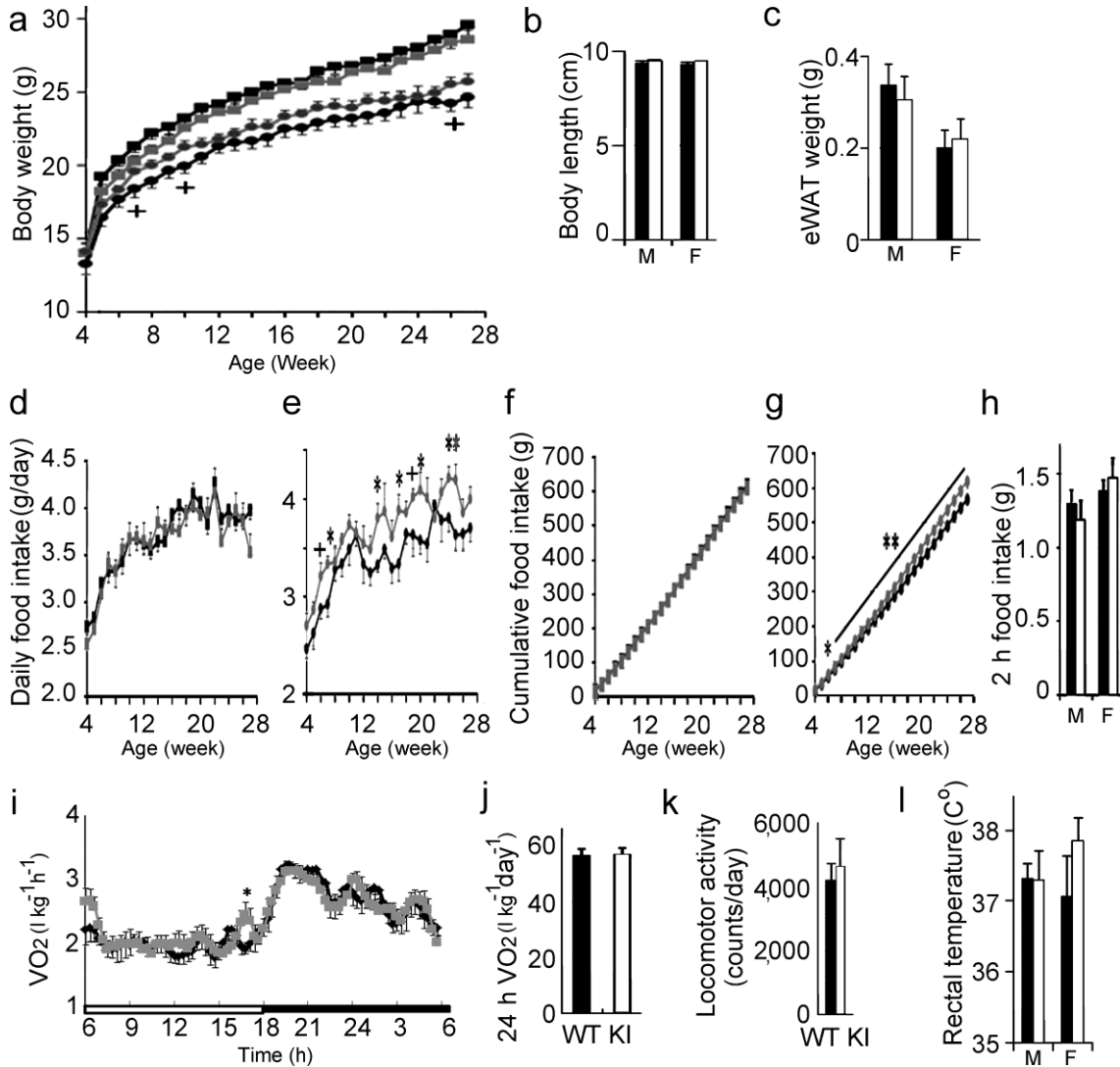


ESM Fig. 5



ESM Fig. 5, related to Fig. 4a-k. Phenotypes of *Agrp-Cre; Rosa26^{Sirt1-H355Y}* mice. (a) Body-weight curves of *Agrp-Cre; Rosa26^{Sirt1-H355Y}* (Sh) (black squares, WT males, n = 12; grey squares, KI males, n = 10; black circles, WT females n = 8; grey circles, KI females, n = 10) conditional KI mice. (b, c) Body length (b) and epididymal white adipose tissue (eWAT) weight (c) of KI mice at 28 weeks of age. (d-h) Daily food intake (male, d; female, e), cumulative food intake (male, f; female, g), and 2 h food intake (h) of KI mice after 24 h of fasting. (i-k) Oxygen consumption ($\dot{V}O_2$) (i), 24 h $\dot{V}O_2$ (j) and locomotor activity (k) of KI mice at 28 weeks of age. (l) Rectal temperature of KI mice at 28 weeks of age. The same number of mice was used as in Fig. 4 unless otherwise indicated. Statistical analyses were performed using the two-tailed unpaired Student's *t* test (+*p*<0.1; **p*<0.05; ***p*<0.01 KI vs WT). Black bars, WT data; white bars, KI data. M, male; F, female