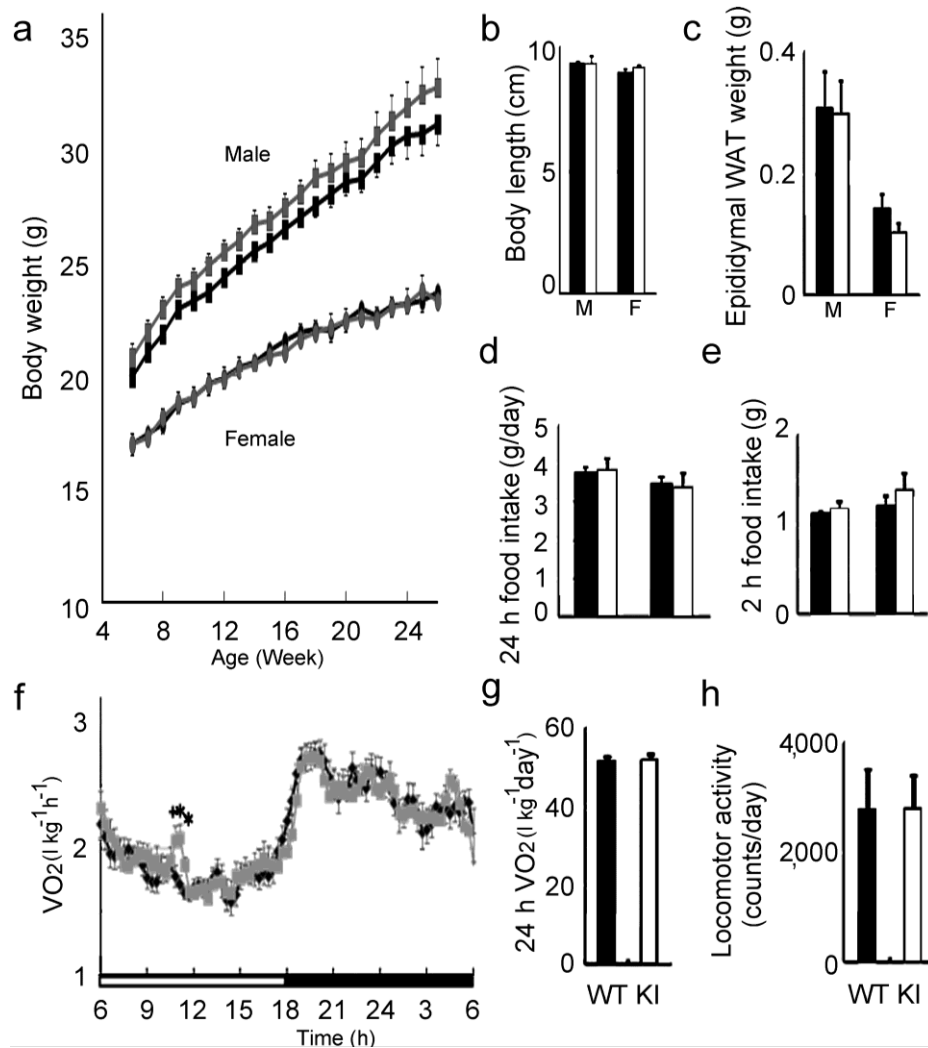


ESM Fig. 2



ESM Fig. 2, related to Fig. 2a-i. Phenotypes of *Pomc-Cre; Rosa26^{Sirt1-H355Y}* mice. (a) Body-weight curves for *Pomc-Cre; Rosa26^{Sirt1-H355Y}* (*Sh*) conditional KI mice. **(b, c)** Body length **(b)** and epididymal white adipose tissue (eWAT) weight **(c)** of KI mice at 26 weeks of age. **(d, e)** 24 h food intake and 2 h food intake after 24 h fasting **(e)** of 25- to 26-week-old KI mice. **(f-h)** Oxygen consumption ($\dot{V}O_2$) **(f)**, 24 h $\dot{V}O_2$ **(g)**, and locomotor activity **(h)** of male KI mice at 26 weeks of age. For *Sh* mice, WT males (black squares, n = 12), KI males (grey squares, n = 9), WT females (black circles, n = 12), and KI females (grey circles, n = 9) were analysed. Statistical analyses were performed using the two-tailed unpaired Student's *t* test (+, *p* < 0.1 KI vs WT; *, *p* < 0.05 KI vs WT). Black bars and black lines, WT data; white bars and grey lines, KI data. M, male; F, female