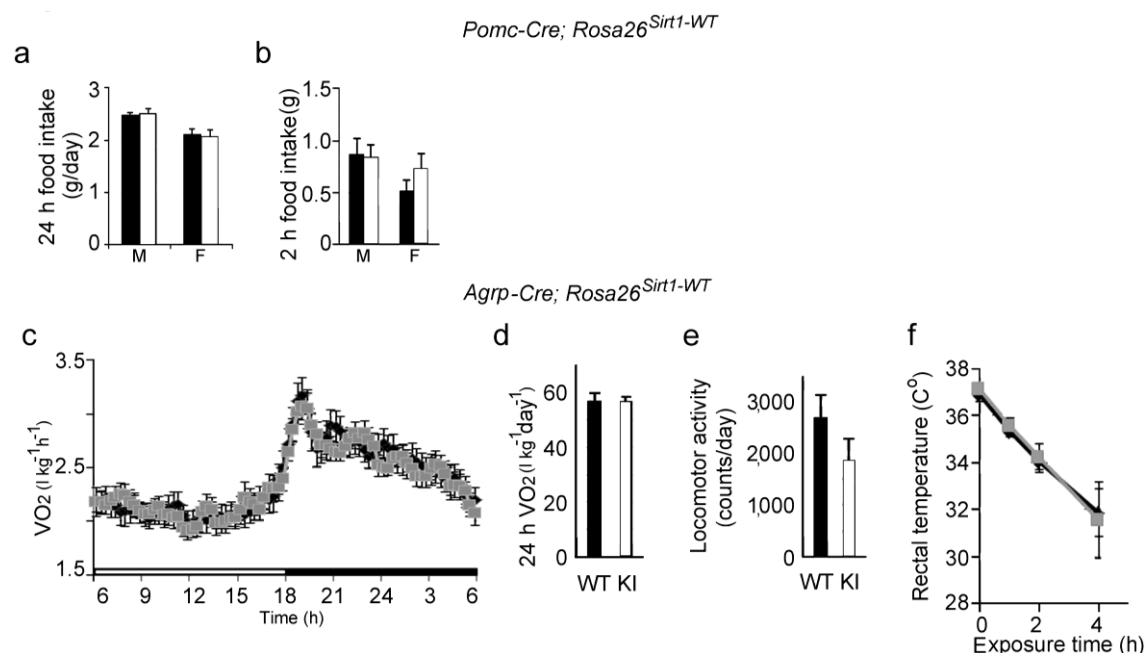


ESM Fig. 8



ESM Fig. 8, related to Fig. 6a-m. Phenotypes of *Pomc-Cre; Rosa26^{Sirt1-WT}* mice and *AgRP-Cre; Rosa26^{Sirt1-WT}* mice fed a HFHS diet. (a, b) 24 h food intake (a) and 2 h food intake after 24 h fasting (b) of male 26-week-old *Pomc-Sw* KI mice fed an HSHS diet. (c-e) Oxygen consumption ($\dot{V}O_2$) (c), 24 h $\dot{V}O_2$ (d) and locomotor activity (e) of HFHS diet-fed *AgRP-Sw* KI mice at 28 weeks of age. (f) Rectal temperature of male *AgRP-Sw* KI mice during a 4 h cold exposure (4 °C). The same number of mice was used as in Fig. 6 unless otherwise indicated. Statistical analyses were performed using the two-tailed unpaired Student's *t* test. Black bars and black lines, WT data; white bars and grey lines, KI data. M, male; F, female