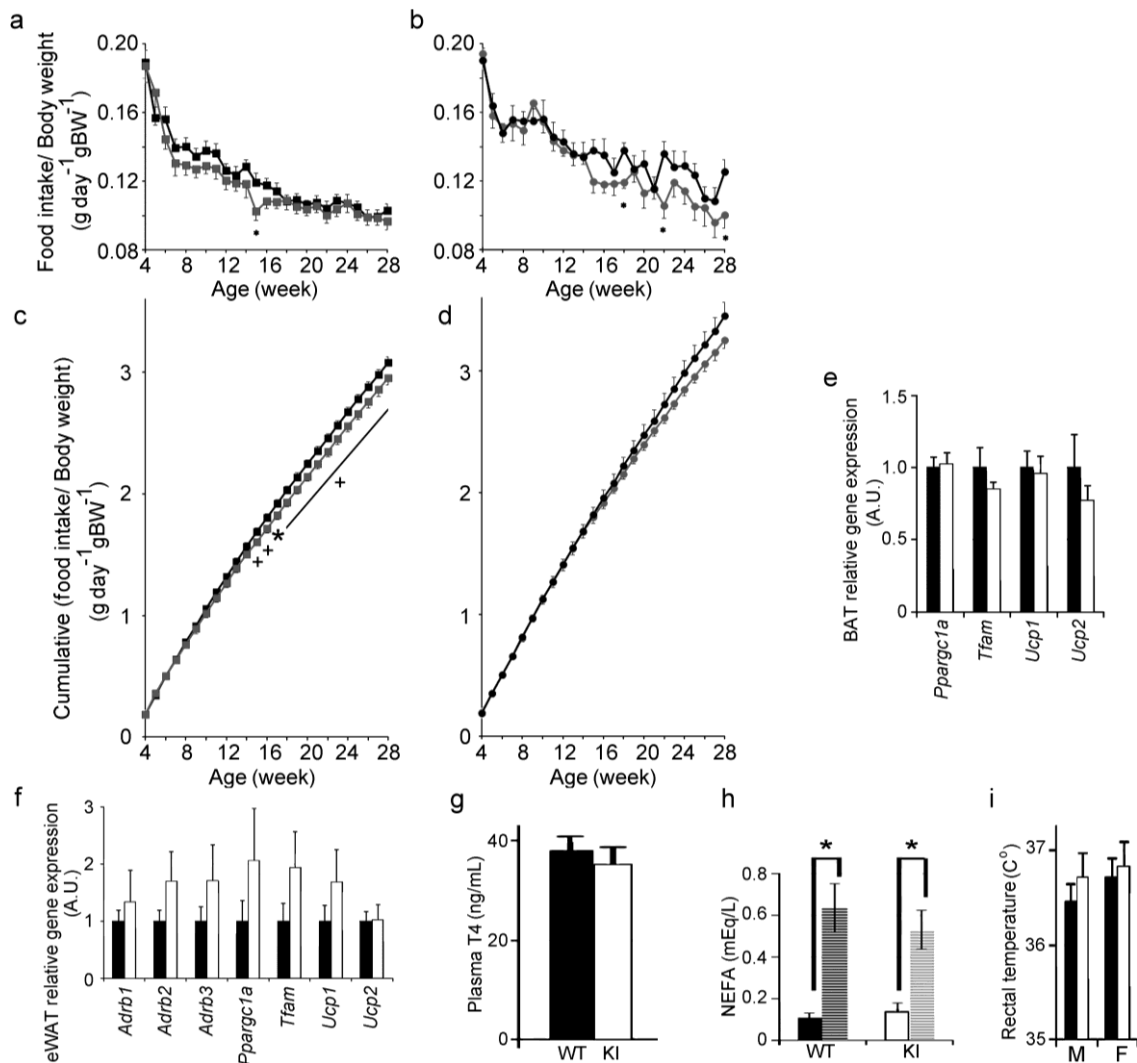


ESM Fig. 6



ESM Fig. 6, related to Fig. 4a-k. Overexpression of WT *Sirt1* in AgRP neurons prevents age-associated weight gain in male mice. (a-d) Food intake data corrected by body weight (male, **a**; female, **b**) and the cumulative change (male, **c**; female, **d**) of *Agrp-Cre; Rosa26^{Sirt1-WT}* (Sw) (black squares, WT males, n = 18; grey squares, KI males, n = 12; black circles, WT females, n = 9; grey circles, KI females, n = 8) conditional KI mice. (e, f) Gene expression profiles of brown adipose tissue (e) and eWAT (f) of 28-week-old male KI mice. (g) Plasma T4 levels of 28-week-old male KI mice. (h) Plasma non-esterified fatty acid (NEFA) levels under fed and fasted conditions in KI mice (black, WT fed, n = 9; black stripe, WT fasted, n = 8; white, KI fed, n = 6; white stripe, KI fasted, n = 5). (i) Rectal temperature of KI mice. Statistical analyses were performed using the two-tailed unpaired Student's *t* test (*, *p* < 0.05; +, *p* < 0.1). Black bars, WT data; white bars, KI data. M, male; F, female