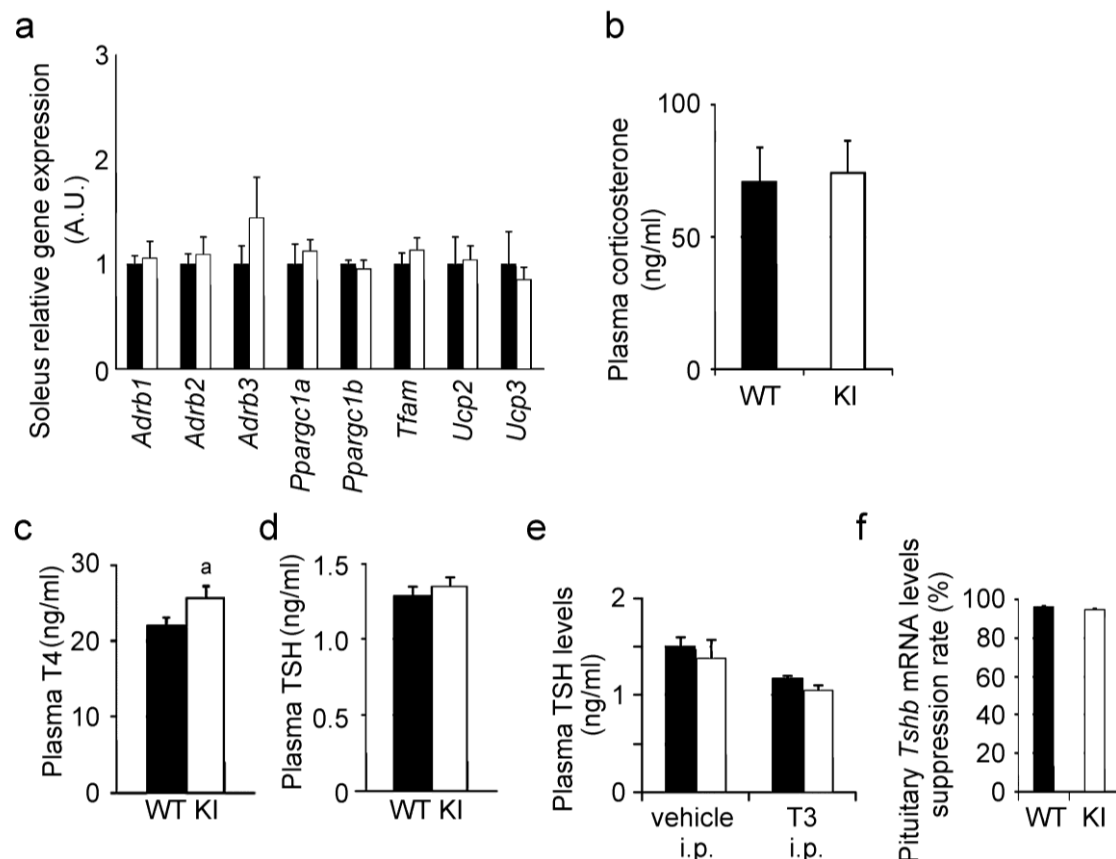


ESM Fig. 4



ESM Fig. 4, related to Fig. 3a-j. Phenotypes of *Pomc-Cre; Rosa26^{Sirt1-WT}* mice. (a) Gene expression profiles in the soleus muscle of KI mice at 26 weeks of age. (b-d) Plasma corticosterone (b), T4 (c), and TSH (d) levels in KI mice at 26 weeks of age. (e, f) The effects of the T3 suppression test on plasma TSH levels (e) and pituitary *Tshb* mRNA levels (f) in 12-week-old male KI mice (WT, n = 4; KI, n = 7). The same number of mice was used as in Figure 3 unless otherwise indicated. Statistical analyses were performed using the two-tailed unpaired Student's *t* test. For (c), there was a trend (^a*p*=0.08). Black bars, WT data; white bars, KI data