

Supplemental Figure legends

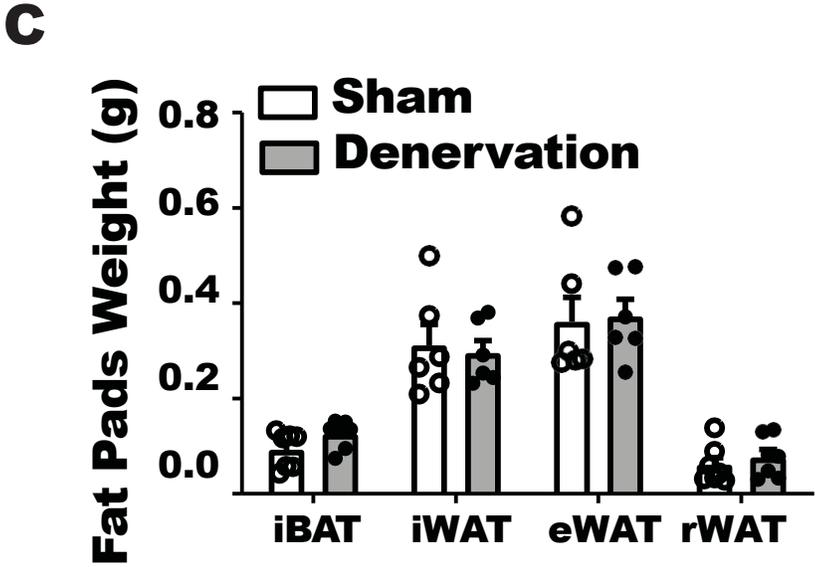
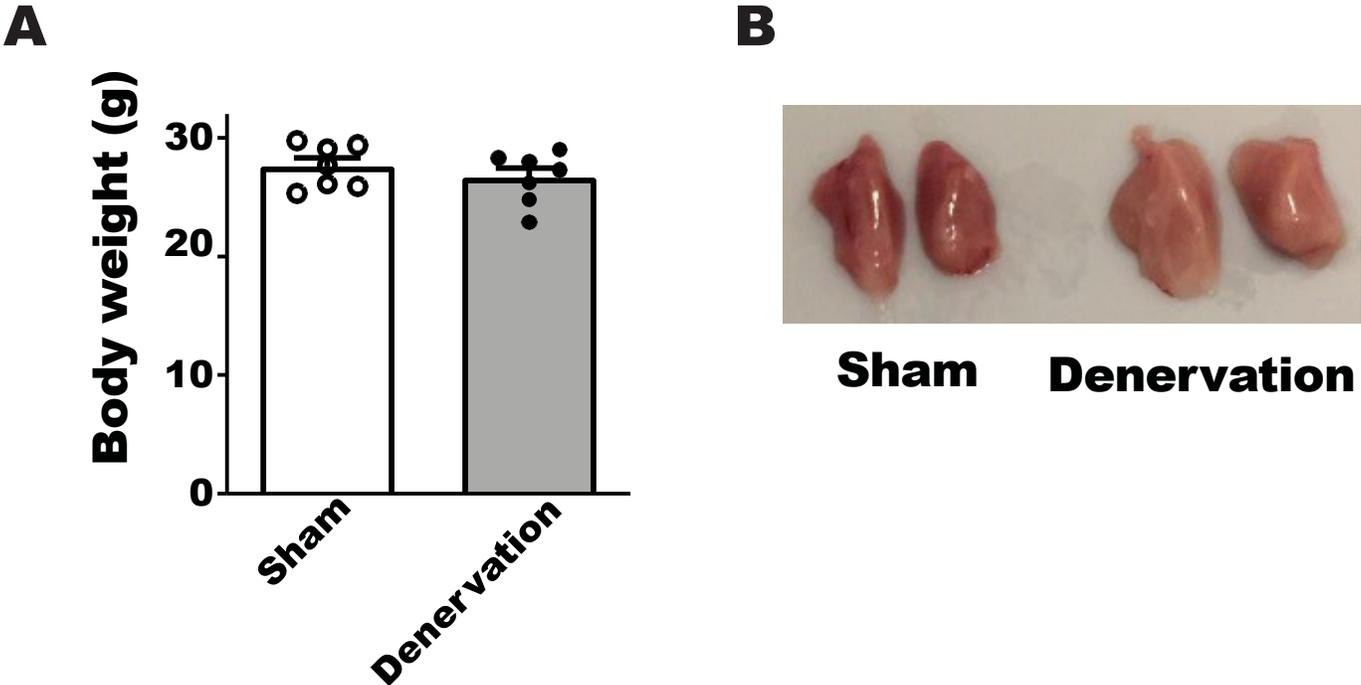
Supplemental figure S1. Mice with a bilateral surgical SNS denervation in interscapular BAT (iBAT) after a 7-day recovery. (A) Body weight of denervated and sham-operated mice housed at room temperature. (B) Image of iBAT of denervated and sham-operated mice housed at room temperature. (C) Fat pad weight of denervated and sham-operated mice housed at room temperature. All data are expressed as mean \pm SEM; n = 6-7.

Supplemental figure S2. Mice with a bilateral surgical SNS denervation in iBAT after a 16-hour cold exposure. (A) Body weight of denervated and sham-operated mice after a 16-hour cold exposure. (B) Image of iBAT of denervated and sham-operated mice after a 16-hour cold exposure. (C) Fat pad weight of denervated and sham-operated mice after a 16-hour cold exposure. All data are expressed as mean \pm SEM; n = 8.

Supplemental figure S3. Mice with a bilateral surgical SNS denervation in iBAT after a 7-day cold exposure. (A) Body weight of denervated and sham-operated mice after a 7-day cold exposure. (B) Image of iBAT of denervated and sham-operated mice after a 7-day cold exposure. (C) Fat pad weight of denervated and sham-operated mice after a 7-day cold exposure. All data are expressed as mean \pm SEM; n = 8. *p<0.05 vs. sham.

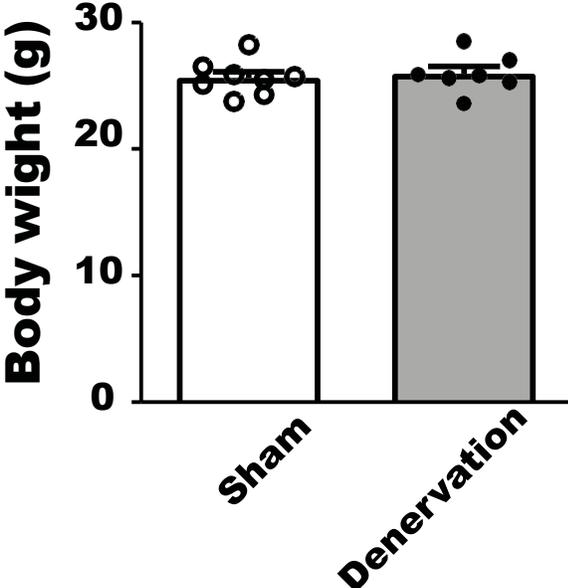
Supplemental figure S4. Olive oil gavage substantially rescues the temperature of AC58KO mice challenged with cold in the absence of food. 4 hours before the cold exposure, food was removed from the cage and followed by olive oil (200 μ l, water as a control) gavage 30 min before the cold exposure. All data are expressed as mean \pm SEM; n = 4. *p<0.05 vs. water.

Supplemental figure S1



Supplemental figure S2

A

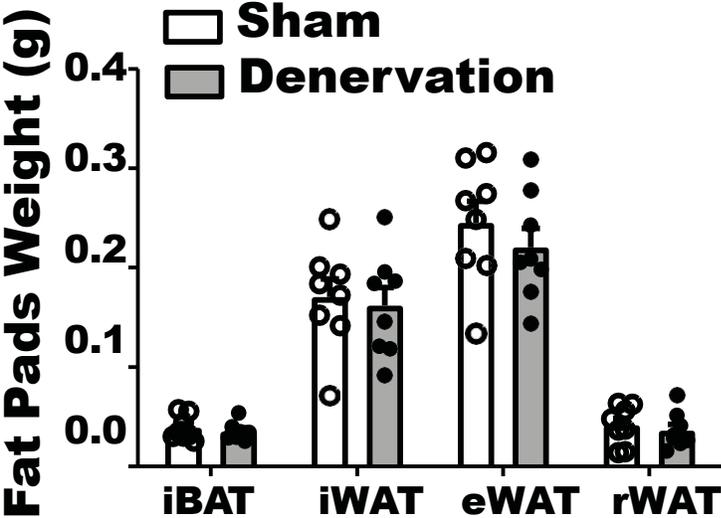


B



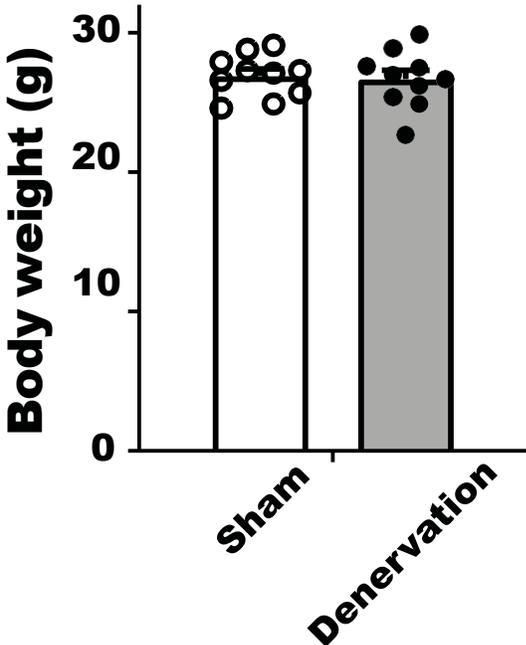
Sham Denervation

C



Supplemental figure S3

A

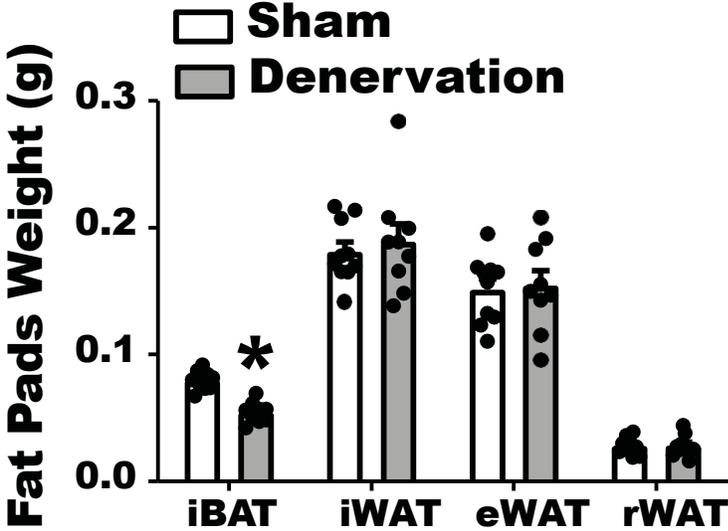


B



Sham Denervation

C



Supplemental figure S4

