Supplemental Figure 1: 24 Hour Monitoring of Metabolic Parameters in Ebf1\(^{\text{−/−}}\) Mice—Caloric Intake

(A) and the animals’ activity (B), were monitored hourly from 1 month old animals in cages for measurement of indirect calorimetry. Oxygen consumption (VO\(_2\)) (C) and carbon dioxide secretion (VCO\(_2\)) (C) were also recorded. The values are normalized by the animals’ body weights (n = 6). The ratio of VCO\(_2\) to VO\(_2\) (respiratory exchange ratio, RER) was also calculated. (D) All values were normalized by the animals’ body weights (n = 6). Values represent the mean ± SE.

Supplemental Figure 2: Glucose Tolerance and Insulin Sensitivity of Ebf1\(^{\text{−/−}}\) Mice—(A) Insulin sensitivity in the fasted animals was evaluated by monitoring serum glucose following a 1 U/Kg I.P. dose of insulin (n = 4-5). (B) Glucose tolerance was tested in fasted animals with an I.P. injection of 100mg/Kg glucose. Serum glucose levels were monitored for several hours following this injection (n = 4-5). Values represent the mean ± SE.
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A. B.