Supplementary Figure 2

A

Vol CF (mL/kg/hr) vs Time

B

Vol OF (mL/kg/hr) vs Time

C

RER vs Time

D

Food intake (g/day) and Drink (mL/day)

E

Heat (kcal/hr)

F

Locomotor activity (beam breaks/min)
Supplementary Figure 2. A. Oxygen consumption (VO$_2$) of $Pfkfb3^{WT}$ and $Pfkfb3^{AVEC}$ male mice fed with CD during 12-h light and dark cycles recorded at the second day after acclimatization, n = 4. B. Carbon dioxide consumption (VCO$_2$) of $Pfkfb3^{WT}$ and $Pfkfb3^{AVEC}$ male mice fed with CD during 12-h light and dark cycles recorded at the second day after acclimatization, n = 4. C. Respiratory exchange ratio (RER) of $Pfkfb3^{WT}$ and $Pfkfb3^{AVEC}$ male mice fed with CD during 12-h light and dark cycles recorded at the second day after acclimatization, n = 4. D. Daily food intake and drink of $Pfkfb3^{WT}$ and $Pfkfb3^{AVEC}$ male mice fed with CD during light and dark cycles of animals kept on CD at room temperature (22°C), n = 4. E. Heat production of $Pfkfb3^{WT}$ and $Pfkfb3^{AVEC}$ male mice fed with CD during 12-h light and dark cycles, n = 4. F. Locomotor activity of $Pfkfb3^{WT}$ and $Pfkfb3^{AVEC}$ male mice fed with CD during 12-h light and dark cycles, n = 4. Area under the curve (AUC) was calculated during light and dark cycles for each individual animal. Black horizontal bars denote the dark period of the day (12 h). AUC, area under the curve. All data were expressed as mean ± SEM. Statistical significance was determined by unpaired Student’s t-test. *p < 0.05 was considered significant, **p < 0.01, ***p < 0.001.