

Supplementary data

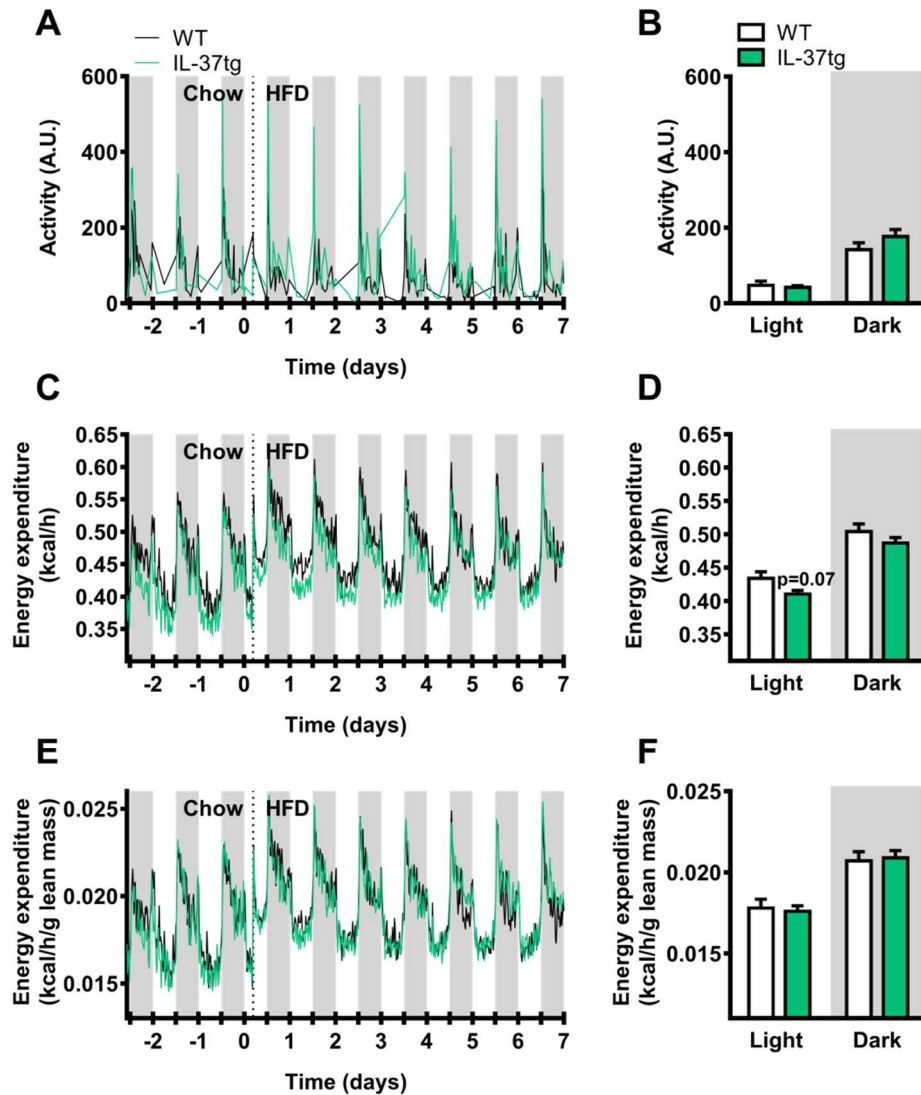


Figure S1. Heterozygous IL-37 expression decreases energy expenditure in conjunction with lean mass reduction. 10-week old male C57Bl/6J mice and heterozygous IL-37tg mice on a C57Bl/6J background were fed a high-fat diet (HFD). From 2 days before initiation of HFD until 1 week after the switch to HFD, mice were housed in fully automatic metabolic cages, which measured oxygen uptake (V_{O_2}) and carbon dioxide production (V_{CO_2}). Physical activity (A,B) was measured with infrared sensor frames. Total energy expenditure (C,D) and the energy expenditure were corrected for lean mass (E,F) was calculated from V_{O_2} and V_{CO_2} using the Weir equation. Bar graphs were based on calculations of the mean from day 1.5 to 7. Values represent means (A,C,E) and bar graphs represent means \pm SEM (B,D,F) ($n = 8$ animals per group).