

Figure S1 GLuc bioluminescence and FASN expression levels in liver tissues after *ad libitum* feeding, fasting, and refeeding. (A) Luminescence images of liver tissues after *ad libitum* feeding, fasting for 24 h, and refeeding for 4 h after fasting, as determined by *ex vivo* analysis. (B) GLuc activities in protein lysates of liver tissues after *ad libitum* feeding, fasting, and refeeding. (C) mRNA expression levels of FASN in liver tissues after *ad libitum* feeding, fasting, and refeeding (n=5 mice/group). The data shown were analyzed with a 1-way ANOVA and Student's *t* test. The graphs show mean values \pm SEMs. *, P<0.05; **, P<0.01; ***, P<0.001. GLuc, Gaussia luciferase; ANOVA, analysis of variance; RLU, relative light units.

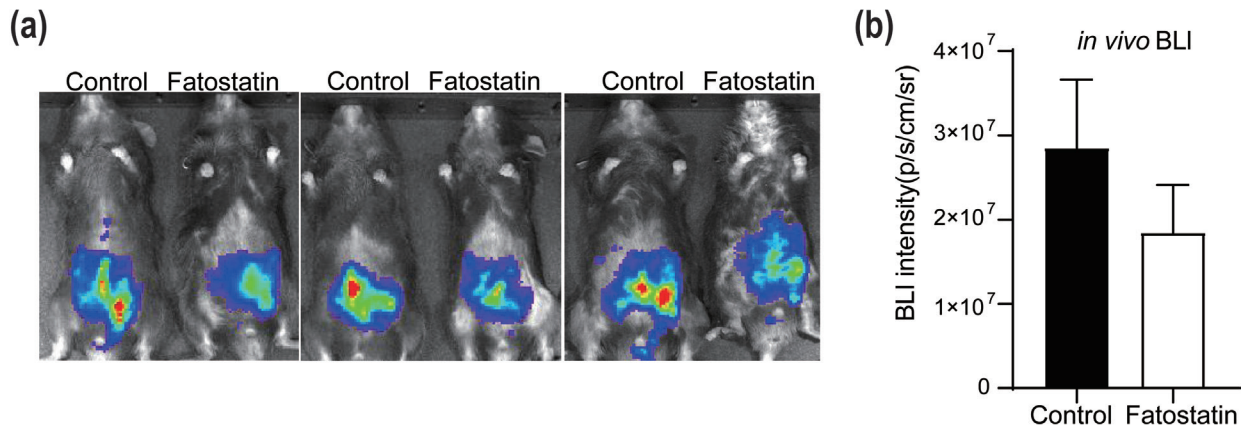


Figure S2 uminescence images of mice administered the fatostatin or control treatment, as obtained by *in vivo* BLI. (A) *In vivo* luminescence images. (B) Quantification of the luminescence images shown in (A). The data presented were analyzed with the Student's *t* test. The graphs show mean values \pm SEMs. BLI, bioluminescence imaging.