



Fig. S3 HDAC5 but not HDAC5 Δ 300-480 expression promotes lipid homeostasis under fasted state. A, Immunoblot analysis of hepatic HDAC5 and HDAC5 Δ 300-480 levels in Ad-HDAC5, Ad-HDAC5 Δ 300-480 or Ad-GFP injected RD-fed mice. B, Effect of Ad-GFP, Ad-HDAC5 and Ad-HDAC5 Δ 300-480 injection on body weight and liver weight of RD-fed mice (n = 8). C, Effect of Ad-HDAC5, Ad-HDAC5 Δ 300-480 or Ad-GFP injection on plasma glucagon, NEFA and ketone levels in RD-fed mice (n = 8). All data are presented as mean \pm s.e.m. *P < 0.05.