



Supplementary Figure 3. (A and B) Glucose (ip 1.5 g/kg) stimulated changes in serum insulin levels (A) and their relative fold changes as percentage of the base insulin levels (B) in *db/db* mice injected with Ad-GFP or Ad-IRTKS ($n = 4$). Lean mice as control ($n = 5$). (C) Insulin tolerance tests (ITTs) (1U/kg) in *db/db* mice injected with Ad-GFP or Ad-IRTKS ($n = 4$). Data are presented as the mean \pm s.e.m. * $P < 0.05$, ** $P < 0.01$ versus Ad-IRTKS. # $P < 0.05$, ## $P < 0.01$ versus lean mice.