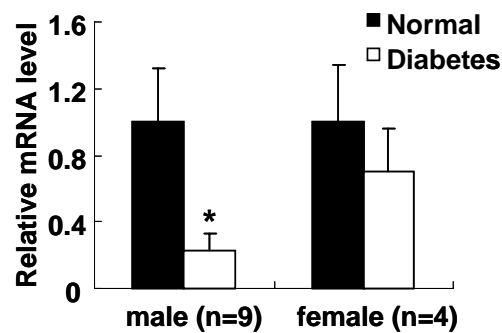


A

	Lean	db/db	p value
BW (g)	22.18±0.51	39.1±1.64	p< 0.0001
BG(mmol/l)- 6h fast	5.21±0.15	17.44±1.52	p< 0.0001
	RD	HFD (12wks)	p value
BW (g)	30.24±0.59	47.64±1.33	p< 0.0001
Random BG (mmol/l)	7.64±0.28	17.74±0.85	p< 0.0001

B

		diabetes	normal	p value
sex	male	9	9	1
	female	4	4	
BG(mmol/l)- 6h fast		8.6±1.1	5.2±0.3	0.0025
age		59.54±1.84	60.77±1.94	0.64



Supplementary Figure 7. (A) The Body weight (BW) and blood glucose (BG) levels of *db/db* mice and high-fat diet (HFD)-induced obese mice used in Figure 6. **(B)** Clinical features from patients with type 2 diabetes and healthy volunteers. The relative mRNA levels of IRTKS in livers were examined. Data are presented as the mean ± s.e.m. *P < 0.05 versus control.