Supplemental Table 1. Multivariable linear regression analysis of *PDX-1*

	HOMA-beta (R^2=0.36, p<0.0001)		Insulin AUC (R^2=0.34, p<0.0001)	
	Standardized partial regression coefficient (95% CI)	P value	Standardized partial regression coefficient (95% CI)	P value
Risk PDX-1	2.715 (-67.81 to -10.27)	0.0087	2.034 (-336.3 to -2.720)	0.0465
Age	5.092 (-3.230 to -1.407)	<0.0001	2.622 (-12.20 to -1.639)	0.0111
Gender	1.394 (-7.942 to 44.43)	0.1685	0.4671 (-116.4 to 187.2)	0.6421
BMI	3.056 (1.769 to 8.481)	0.0034	5.175 (30.87 to 69.78)	<0.0001

A multivariable linear regression model was used to analyze the differences in insulin secretion due to difference in *PDX-1* genotype after adjusting for age, sex, and BMI.