

SUPPLEMENTARY TABLES

Supplementary Table 1. Estimated risk of hypertriglyceridaemia associated with the *GCKR* P446L and 30G>A polymorphisms. Crude and adjusted estimations in both men and women

<i>Gene</i>	<i>SNP</i>	<i>OR [95%CI]*</i>	<i>P</i>	<i>OR [95%CI] †</i>	<i>P</i>	<i>OR [95%CI] ‡</i>	<i>P</i>
<i>GCKR</i>	PL+LL ^a	1.86 [1.33-2.61]	< 0.001	1.90 [1.34-2.68]	< 0.001	2.06 [1.35-3.15]	0.001
<i>GCK</i>	AA ^b	0.93 [0.4-2.2]	0.873	0.68 [0.27-1.76]	0.431	0.66 [0.23-1.92]	0.447

OR: Odds ratio; CI: Confidence Interval

^a OR for PL+LL genotype using as a reference PP genotype

^b OR for AA genotype using as a reference GG+GA genotype

*P value for crude analysis

† P value adjusted by sex, age and body mass index (Model 1)

‡P value adjusted by variables en Model 1 plus diabetes and lipid medication

Supplementary Table 2. Estimated risk of diabetes associated with the GCKR P446L and -30G>A polymorphisms. Crude and adjusted estimations in both men and women

<i>Gene</i>	<i>SNP</i>	<i>OR [95%CI]*</i>	<i>P</i>	<i>OR [95%CI] †</i>	<i>P</i>	<i>OR [95%CI] ‡</i>	<i>P</i>
<i>GCKR</i>	LL ^a	0.86 [0.73-1.01]	0.080	0.85[0.71-1.01]	0.065	0.80 [0.66-0.96]	0.017
<i>GCK</i>	AA ^b	3.5 [1.39-8.82]	0.008	4.17[1.54-11.3]	0.005	3.3 [1.2-9.2]	0.023

OR: Odds ratio; CI: Confidence Interval

^aOR for PL+LL genotype using as a reference PP+PL genotype

^bOR for AA genotype using as a reference GG+GA genotype

*P value for crude analysis

†P value adjusted by sex, age and body mass index (Model 1)

‡P value adjusted by variables in Model 1 and lipid medication