

Electronic supplementary material

ESM Table 1 Haplotype analysis of *ADRA2A* rs553668 and rs1088522 analysis in WHII

rs553668/ rs10885122	Frequency	Mean	Lower CI	Upper CI	B (SE)	<i>p</i> value
Glucose						
GG	0.719	2.63	2.62	2.64		-
AG	0.164	2.64	2.62	2.66	0.009 (0.011)	0.433
GT	0.111	2.60	2.57	2.63	-0.033 (0.015)	0.027
AT	0.007	2.86	2.81	2.92	0.232 (0.027)	1.377×10 ⁻¹²
Global <i>p</i> value						0.008
Log _e insulin						
GG		0.814	0.806	0.823		
AG		0.824	0.803	0.845	0.010 (0.012)	0.437
GT		0.821	0.821	0.847	0.007 (0.014)	0.652
AT		0.882	0.882	1.012	0.068 (0.066)	0.302
Global <i>p</i> value						0.579
Log _e HOMA-IR						
GG		0.087	0.078	0.096		-
AG		0.099	0.077	0.121	0.012 (0.013)	0.359
GT		0.090	0.063	0.118	0.003 (0.016)	0.834
AT		0.159	0.015	0.304	0.072 (0.074)	0.325
Global <i>p</i> value						0.560
HOMA-B						
GG		37.18	35.99	38.37		-
AG		36.69	33.62	39.75	-0.488 (1.803)	0.786

rs553668/ rs10885122	Frequency	Mean	Lower CI	Upper CI	B (SE)	<i>p</i> value
GT		38.73	36.08	41.38	1.552 (1.416)	0.273
AT		40.48	18.39	62.58	3.307 (11.256)	0.769
Global <i>p</i> value						0.600
Log _e triacylglycerol						
GG		0.121	0.113	0.130		-
AG		0.135	0.115	0.154	0.014 (0.012)	0.243
GT		0.147	0.122	0.172	0.026 (0.014)	0.070
AT		0.159	0.021	0.298	0.038 (0.070)	0.588
Global <i>p</i> value						0.182
Systolic BP						
GG		60.77	60.52	61.02		-
AG		61.60	61.00	62.20	0.831 (0.349)	0.017
GT		61.01	60.30	61.71	0.239 (0.400)	0.550
AT		64.02	60.10	67.95	3.254 (1.995)	0.103
Global <i>p</i> value						0.019
Diastolic BP						
GG		40.31	40.15	40.46		-
AG		40.65	40.27	41.03	0.345 (0.224)	0.123
GT		40.42	39.96	40.87	0.112 (0.257)	0.664
AT		43.43	41.09	45.76	3.123 (1.187)	0.009
Global <i>p</i> value						0.021

Mean values are for one copy of the haplotype