

Supplemental Table 1 Detectable gene-diet interaction effect sizes at a statistical power of 80%

	<i>DHCR7</i> rs12785878		<i>CYP2R1</i> rs10741657		<i>GC</i> rs2282679	
	<i>P</i> <0.05	<i>P</i> <0.0028 ^a	<i>P</i> <0.05	<i>P</i> <0.0028 ^a	<i>P</i> <0.05	<i>P</i> <0.0028 ^a
Change in body weight, kg						
6 months	1.87	2.55	1.83	2.49	2.04	2.78
2 years	2.58	3.53	2.52	3.44	2.82	3.85
Change in glucose, moml/l						
6 months	0.17	0.22	0.16	0.22	0.18	0.25
2 years	0.19	0.25	0.18	0.25	0.20	0.28
Change in log-insulin, pmol/l						
6 months	0.16	0.22	0.16	0.21	0.18	0.23
2 years	0.17	0.24	0.17	0.23	0.19	0.25
Change in log-HOMA-IR						
6 months	0.18	0.24	0.17	0.23	0.19	0.25
2 years	0.19	0.26	0.18	0.25	0.21	0.27

^aBonferroni's adjustment to adjust *P*-values for 18 independent tests.