

Table 4 Multilocus test for associations with IGF-1 protein levels, childhood growth and glucose metabolism in a representative birth cohort

	<i>n</i>	<i>R</i> ²	<i>p</i> value
IGF-1 levels at birth (ng/ml)	203	0.063	0.029
IGF-1 levels (ng/ml) at 7 or 8 years (SDS)	443	0.030	0.055
Birthweight (SD)	787	0.009	0.408
Birth length (SDS)	666	0.012	0.296
Height at 7 years (SDS)	561	0.007	0.750
Weight at 7 years (SDS)	561	0.015	0.145
BMI at 7 years (kg/m ²)	561	0.015	0.214
Body fat mass at 9 years (kg)	506	0.014	0.220
Insulin sensitivity at 8 years (HOMA)	322	0.008	0.922
Insulin secretion at 8 years (insulinogenic index)	301	0.024	0.465

The multilocus tests are based on all seven *IGF1* tag-SNPs in additive models, adjusted for sex, age and parity

HOMA, homeostasis model assessment; SDS, standard deviation score