Table S1. Relationship between dietary component intake and rs9939609 without removal of under-reporters (macronutrients)

Dietary Component	Unit of measure (daily)	TT	AT	AA	n	Per allele effect (SE)	p_lin	p_nptrend	Per allele effect, BMI adjust (SE)	p_BMI_adjust
Total weight of all food	g	768.2 (766.2, 770.1)	778.5 (776.5, 780.4)	785.3 (783.3, 787.3)	5452	1.012 (0.005)	0.02	0.05	1.011 (0.005)	0.03
Total energy of all foods eaten	kcal	1574.8 (1572.8, 1576.8)	1607.0 (1605.0, 1609.0)	1625.6 (1623.6, 1627.5)	5452	1.017 (0.004))	<0.001	0.002	1.016 (0.004)	<0.001
Total Energy†	kcal	1794.8 (1792.9, 1796.8)	1824.7 (1822.7, 1826.6)	1844.2 (1842.3, 1846.2)	5452	1.014 (0.004)	<0.001	0.008	1.014 (0.004)	0.001
Protein	g	59.34 (57.4, 61.3)	60.3 (58.3, 62.2)	60.8 (58.8, 62.78)	5452	1.013 (0.005)	0.01	0.06	1.010 (0.005)	0.04
Fat	g	71.8 (69.8, 73.8)	73.2 (71.2, 75.1)	74.1 (72.2, 76.1)	5452	1.017 (0.005)	0.001	0.006	1.016 (0.005)	0.002
Saturated fat	g	27.3 (25.3, 29.3)	27.9 (25.9, 29.8)	28.2 (26.2, 30.2)	5452	1.018 (0.007)	0.006	0.02	1.018 (0.007)	0.005
Monounsaturated fat	g	24.5 (22.5, 26.5)	24.9 (23.0, 26.9)	25.2 (23.2, 27.1)	5452	1.014 (0.006)	0.01	0.03	1.013 (0.006)	0.02
Polyunsaturated fat	g	11.4 (9.4, 13.4)	11.7 (9.7, 13.6)	11.8 (9.8, 13.8)	5452	1.019 (0.007)	0.01	0.009	1.017 (0.007)	0.02

Trans fatty acid	g	2.4 (0.4, 4.4)	2.4 (0.5, 4.4)	2.5 (0.5, 4.5)	5452	1.018 (0.009)	0.03	0.02	1.019 (0.009)	0.02
Dietary cholesterol	g	163.4 (161.4, 165.4)	167.5 (165.5, 169.5)	169.7 (167.8, 171.7)	5451	1.020 (0.010)	0.03	0.06	1.017 (0.010)	0.08
Carbohydrate	g	239.1 (237.2, 241.1)	242.8 (240.9, 244.8)	245.2 (243.2, 247.2)	5452	1.013 (0.004)	0.003	0.01	1.014 (0.004)	0.001
Total sugar	g	104.5 (102.5, 106.5)	107.5 (105.5, 109.4)	108.7 (106.7, 110.67)	5452	1.022 (0.007)	0.003	0.004	1.026 (0.008)	0.001
Starch	g	127.0 (125.1, 129.0)	128.2 (126.2, 130.1)	129.1 (127.1, 131.0)	5452	1.001 (0.005)	0.08	0.4	1.007 (0.005)	0.1
Non-starch Starch polysaccaride	g	10.8 (8.9, 12.8)	10.9 (8.9, 12.8)	11.1 (9.1, 13.1)	5452	1.022 (0.006)	0.1	0.1	1.011 (0.006)	0.08

Mean values (95% CI) for macronutrients only adjusted for child sex at age 10-11. p_lin represents p value from linear regression, p_nptrend represents p value from non-parametric test for trend and p_BMI_adjust (and related effect estimates) represents that from linear regression adjusted for both sex and log10, zscored sex specific BMI. All effects are shown as beta values from linear regression of log10 transformed variables and thus ratios of geometric means. † idicates total energy (kcal) including drinks.