Table S2. Gene and gene-diet interaction effects with P<0.01\* in relation to change in weight or waist

Gene†	Effect	Effect size reading	Effect size, beta (95% confidence interval)		
			Non-carrier	Heterozygote	Homozygote‡
VEGFA	Gene effect on weight change, <i>P</i> =0.001	Weight change, kg, by genotype using non-carriers as reference	<i>n</i> =122 0 (reference)	<i>n</i> =325 0.5 (-0.2; 1.1)	<i>n</i> =191 1.2 (0.4; 1.9)
CTNNBL1	Gene×fat group effect on waist change, <i>P</i> =0.0003	Waist change, cm, for high-fat versus low-fat diet in groups of genotype	<i>n</i> =543 0.8 (0.1; 1.5)	<i>n</i> =75 -2.7 (-4.5; -0.9)	<i>n</i> =3 Non-applicable
NPC1	Gene×fat group effect on waist change, <i>P</i> =0.008	Waist change, cm, for high-fat versus low-fat diet in groups of genotype	<i>n</i> =87 2.1 (0.7; 3.5)	<i>n</i> =284 0.8 (0.1; 1.5)	<i>n</i> =240 -0.6 (-1.6; 0.5)

\*Results for *TFAP2B*×fat group effects are presented separately in Figure 2-3. †SNP information in Table S1. ‡Homozygous for the obesity trait risk-allele.