

**Table S1: Single haplotype analysis on body-mass index (kg/m<sup>2</sup>) in the EPIC-Potsdam subsample (n=2,122) with adjustment for sex, age at baseline, educational attainment, occupational activity, sports activity, smoking habits, alcohol intake, energy intake, fat intake, and fruit and vegetable intake.**

<b>Gene</b>	<b>Haplotype</b>	<b>Frequency</b>	<b>Beta</b>	<b>Std.err</b>	<b>p-value</b>
LEPR	221	0.256	-0.16	0.14	0.2614
	112	0.161	-0.11	0.17	0.5106
	111	0.374	0.04	0.13	0.7728
	121	0.199	0.23	0.16	0.1409
HSD11B1	111	0.830	-0.18	0.16	0.2682
	222	0.052	-0.01	0.28	0.9853
	212	0.064	0.23	0.25	0.3642
	211	0.053	0.30	0.28	0.2876
TBC1D1	1111112112111	0.055	-0.46	0.30	0.1295
	2112112112111	0.093	0.10	0.23	0.6557
FABP2	22	0.259	-0.22	0.14	0.1095
	12	0.174	-0.05	0.16	0.7808
	11	0.566	0.20	0.12	0.1038
ABCC8	212111	0.093	-0.43	0.21	0.0460
	121122	0.089	-0.17	0.22	0.4330
	122111	0.078	-0.09	0.23	0.7062
	111111	0.400	0.15	0.12	0.2212
	112222	0.112	0.32	0.19	0.0939
MC4R	11	0.765	-0.34	0.14	0.0154
	22	0.208	0.40	0.15	0.0062

1 = major allele, 2=minor allele