Supplementary Table 1 Factor loadings of the TFEQ-R18 items[a]. Loadings <0.35 are left blank.

Item	Women			Men		
	Uncontrolled Eating	Emotional Eating	Cognitive Restrain	Uncontrolled Eating	Emotional Eating	Cognitive Restraint
I get so hungry that my stomach often seems like a bottomless pit	**0.77**			**0.73**		
I am always hungry so it is hard for me to stop eating before I finish the food on my plate	**0.78**			**0.76**		
Sometimes when I start eating, I just can't seem to stop	**0.71**			**0.70**		
I am always hungry enough to eat at any time	**0.69**			**0.72**		
When I see a real delicacy, I often get so hungry that I have to eat right away	**0.69**			**0.68**		
Being with someone who is eating often makes me hungry enough to eat also	**0.64**			**0.66**		
When I smell a sizzling steak or a juicy piece of meat, I find it very difficult to keep from eating, even if I have just finished a meal	**0.63**			**0.58**		
How often do you feel hungry?	**0.36**	0.38		**0.46**		
When I feel blue, I often overeat.		**0.86**		0.36	**0.86**	
When I feel anxious, I find myself eating		**0.85**			**0.82**	
When I feel lonely, I console myself by eating		**0.83**		0.35	**0.83**	
Do you go on eating binges though you are not hungry?	**0.43**	0.57		**0.44**	0.47	
I consciously hold back at meals in order not to gain weight.			**0.82**			**0.85**
I deliberately take small helpings as means of controlling my weight.			**0.80**			**0.79**
I do not eat some foods because they make me fat.			**0.72**			**0.73**
How likely are you to consciously eat less than you want?			**0.70**			**0.70**
On a scale of 1 to 8, where 1 means no restraint in eating and 8 means total restraint, what number would you give yourself?			**0.66**			**0.64**
How frequently do you avoid 'stocking up' on tempting foods?			**0.51**			**0.46**

[a]Item values in bold represent those contributing to the eating behavior score in the corresponding column. The TFEQ-18 behaviors of ‘cognitive restraint’ (6 items), ‘emotional eating’ (3 items) and ‘uncontrolled eating’ (9 items) correspond to the original 51-item TFEQ behaviors of 'cognitive restraint' (21 items), 'disinhibition' (16 items) and 'hunger' (14 items), respectively.

Supplementary Table 2 SNP quality matrices by GWAS-set

SNP	Closest Gene	Chr	Effect/ Other	Men				Women				
				EAF	T2D Rsq	CHD Rsq	KS Rsq	EAF	T2D Rsq	CHD Rsq	KS Rsq	BrC Rsq
rs543874	*SEC16B*	1	G/A	0.19	1.00	1	1	0.19	1.00	1	1	0.99
rs1514175	*TNNI3K*	1	A/G	0.40	1	1	1	0.41	1	1	1	1
rs1555543	*PTBP2*	1	C/A	0.56	1	1	1	0.58	1	1	1	1
rs2815752	*NEGR1*	1	A/G	0.64	1	1	1	0.61	1	1	1	1
rs2890652	*LRP1B*	2	C/T	0.15	1.00	0.99	0.98	0.16	0.99	0.99	0.98	0.98
rs887912	*FANCL*	2	T/C	0.31	0.99	0.99	1.00	0.30	0.99	0.99	0.99	0.99
rs713586	*RBJ/POMC/ADCY3*	2	C/T	0.48	1.00	1.00	1.00	0.47	1.00	1.00	1.00	1.00
rs2867125	*TMEM18*	2	C/T	0.81	1.00	1.00	1.00	0.82	1.00	1.00	1.00	1.00
rs13078807	*CADM2*	3	G/A	0.21	0.98	0.98	1.00	0.21	0.98	0.98	1.00	1.00
rs9816226	*ETV5*	3	T/A	0.82	0.97	0.97	0.95	0.81	0.97	0.98	0.95	0.97
rs13107325	*SLC39A8*	4	T/C	0.08	0.70	0.99	1.00	0.08	0.67	0.99	1.00	1.00
rs10938397	*GNPDA2*	4	G/A	0.43	0.98	0.99	0.98	0.44	0.98	0.99	0.98	0.98
rs4836133	*ZNF608*	5	A/C	0.50	0.93	0.93	0.94	0.49	0.94	0.95	0.94	0.94
rs2112347	*POC5*	5	T/G	0.64	0.98	0.96	0.97	0.63	0.97	0.98	0.97	0.96
rs987237	*TFAP2B*	6	G/A	0.19	1.00	1.00	1.00	0.18	1.00	1.00	1.00	1.00
rs206936	*NUDT3/HMGA1*	6	G/A	0.21	1.00	1.00	0.99	0.20	1.00	1.00	0.99	0.99
rs10968576	*LRRN6C*	9	G/A	0.31	1.00	1.00	1.00	0.30	1.00	1.00	1.00	1.00
rs3817334	*MTCH2/NDUFS3/CUGBP1*	11	T/C	0.41	1.00	1.00	1.00	0.41	1.00	1.00	1.00	1.00
rs4929949	*STK33/TUB*	11	C/T	0.48	0.98	0.98	0.97	0.51	0.98	0.98	0.97	0.96
rs10767664	*BDNF*	11	A/T	0.78	1.00	1.00	0.99	0.77	1.00	1.00	0.99	0.99
rs7138803	*FAIM2*	12	A/G	0.39	1.00	1.00	1.00	0.38	1.00	1.00	1.00	1.00
rs4771122	*MTIF3/GTF3A*	13	G/A	0.20	0.95	0.95	0.93	0.23	0.96	0.96	0.93	0.93
rs11847697	*PRKD1*	14	T/C	0.04	0.76	0.81	0.92	0.05	0.80	0.80	0.92	0.92
rs10150332	*NRXN3*	14	C/T	0.20	1.00	1.00	1.00	0.22	0.99	1.00	1.00	1.00
rs2241423	*MAP2K5/LBXCOR1*	15	G/A	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	1.00
rs7359397	*SH2B1*	16	T/C	0.37	0.96	0.97	1.00	0.39	0.97	0.98	1.00	1.00
rs1558902	*FTO*	16	A/T	0.43	1.00	1.00	0.99	0.41	1.00	1.00	0.99	0.99
rs12444979	*GPRC5B/IQCK*	16	C/T	0.87	0.98	0.98	0.99	0.85	0.99	0.98	1.00	1.00
rs571312	*MC4R*	18	A/C	0.23	0.99	1.00	1.00	0.23	1.00	1.00	1.00	1.00
rs29941	*KCTD15*	19	G/A	0.67	0.99	0.99	1.00	0.68	0.99	1.00	1.00	1.00
rs3810291	*TMEM160/ZC3H4*	19	A/G	0.67	0.70	0.71	0.71	0.69	0.72	0.731	0.71	0.66
rs2287019	*QPCTL/GIPR*	19	C/T	0.82	0.60	0.54	1.00	0.83	0.58	0.51	1.00	1.00

Supplementary Table 3 Power estimates for individual-SNP analyses[a]

SNP	MAF	Effect (SE)	Power, %	
			α=0.05	α=0.0016
rs1558902	0.42	0.39 (0.02)	99	86
rs2867125	0.17	0.31 (0.03)	72	27
rs571312	0.24	0.23 (0.03)	56	16
rs10938397	0.43	0.18 (0.02)	50	12
rs543874	0.19	0.22 (0.03)	47	10
rs10767664	0.22	0.19 (0.03)	41	8
rs7359397	0.4	0.15 (0.02)	36	6
rs713586	0.47	0.14 (0.02)	34	5
rs2815752	0.39	0.13 (0.02)	29	4
rs2287019	0.2	0.15 (0.03)	26	3
rs7138803	0.38	0.12 (0.02)	25	3
rs12444979	0.13	0.17 (0.03)	24	3
rs9816226	0.18	0.14 (0.03)	22	2
rs2241423	0.22	0.13 (0.02)	22	2
rs10150332	0.21	0.13 (0.03)	21	2
rs10968576	0.31	0.11 (0.02)	20	2
rs13107325	0.07	0.19 (0.04)	19	2
rs987237	0.18	0.13 (0.03)	19	2
rs2112347	0.37	0.10 (0.02)	19	2
rs887912	0.29	0.10 (0.02)	17	2
rs3810291	0.33	0.09 (0.02)	15	1
rs13078807	0.2	0.10 (0.02)	14	1
rs4771122	0.24	0.09 (0.03)	13	1
rs2890652	0.18	0.09 (0.03)	12	1
rs1514175	0.43	0.07 (0.02)	12	1
rs4836133	0.48	0.07 (0.02)	12	1
rs11847697	0.04	0.17 (0.05)	11	1
rs3817334	0.41	0.06 (0.02)	10	1
rs29941	0.33	0.06 (0.02)	10	1
rs1555543	0.41	0.06 (0.02)	10	1
rs4929949	0.48	0.06 (0.02)	10	1
rs206936	0.21	0.06 (0.02)	8	<1

[a]Power calculations were performed using QUANTO (http://hydra.usc.edu/GxE/) based on i) minor allele frequencies (column 2) and effect sizes (column 3) for BMI (kg/m^2) as reported for stage 2 analyses in Speliotes *et al*, *Nat Genet* 2010;42:937-48, ii) a sample size of 3852 (total sample size of current study) and iii) a population mean BMI (SD) of 25.5 (4) kg/m^2. Calculations assumed an additive model and alpha values of 0.05 (column 4, no correction of multiple testing) or 0.0016 (column 5, corrected for 32 tests).

Supplementary Table 4 Characteristics of the study participants

Characteristic	Women	Men
N	2381	1471
Age, years	66.8 (6.5)	66.6 (7.8)
BMI, kg/m	25.9 (5.1)	25.6 (3.5)
Energy intake, kcal	1693 (472)	2057 (532)
Carbohydrate intake, %energy	51.8 (8.1)	49.4 (8.2)
Protein intake, %energy	17.3 (2.9)	16.8 (2.7)
Total fat intake, %energy	30.6 (6.4)	31.4 (6.1)
Saturated fat, %energy	9.7 (2.7)	9.7 (2.5)
Cereal fiber, g/d	6.7 (2.7)	7.6 (3.2)
Alcohol, g/d	6.8 (10.6)	14.3 (16.0)
Physical activity, METs	19.1 (22.5)	48.1 (52.6)
Current smoker, n (%)	105 (4.4)	37 (2.5)
Cognitive restraint score[a]	14.7 (3.7)	14.3 (4.0)
Uncontrolled eating score[a]	15.0 (4.4)	14.2 (4.2)
Emotional eating score[a]	5.7 (2.4)	4.5 (1.9)
Obesity GRS	28.6 (3.5)	28.5 (3.6)

Values are mean (SD) unless otherwise specified.

[a]Non-standardized eating behavior scores

Supplementary Table 5 Association between Obesity-SNPs and current BMI in men and women[a]

SNP	Closest Gene	Women		Men		All	
		β (SE)	P	β (SE)	P	β (SE)	P
rs10150332	*NRXN3*	0.02 (0.03)	0.54	0.02 (0.05)	0.69	0.02 (0.03)	0.47
rs10767664	*BDNF*	0.06 (0.03)	0.08	0.06 (0.04)	0.15	0.06 (0.03)	**0.02**
rs10938397	*GNPDA2*	0.02 (0.03)	0.42	0.004 (0.04)	0.91	0.02 (0.02)	0.48
rs10968576	*LRRN6C*	-0.01 (0.03)	0.73	0.04 (0.04)	0.34	0.01 (0.02)	0.74
rs11847697	*PRKD1*	0.04 (0.07)	0.59	-0.10 (0.09)	0.27	-0.01 (0.05)	0.80
rs12444979	*GPRC5B*	0.11 (0.04)	**0.006**	-0.0001 (0.05)	0.99	0.07 (0.03)	**0.03**
rs13078807	*CADM2*	0.005 (0.03)	0.91	0.03 (0.04)	0.46	0.01 (0.03)	0.59
rs13107325	*SLC39A8*	0.01 (0.05)	0.92	0.22 (0.07)	**0.001**	0.09 (0.04)	**0.03**
rs1514175	*TNNI3K*	0.01 (0.03)	0.82	0.01 (0.04)	0.78	0.01 (0.02)	0.72
rs1555543	*PTBP2*	-0.04 (0.03)	0.12	-0.01 (0.04)	0.70	-0.03 (0.02)	0.15
rs1558902	*FTO*	0.07 (0.03)	**0.01**	0.06 (0.04)	0.10	0.07 (0.020	**0.002**
rs206936	*NUDT3*	0.005 (0.04)	0.90	0.05 (0.05)	0.28	0.02 (0.03)	0.44
rs2112347	*POC5*	-0.01 (0.03)	0.76	0.08 (0.04)	**0.03**	0.03 (0.02)	0.27
rs2241423	*MAP2K5*	0.01 (0.03)	0.86	0.02 (0.04)	0.70	0.01 (0.03)	0.70
rs2287019	*QPCTL*	0.06 (0.04)	0.11	0.05 (0.05)	0.33	0.06 (0.03)	0.06
rs2815752	*NEGR1*	0.06 (0.03)	**0.04**	0.06 (0.04)	0.13	0.06 (0.02)	**0.01**
rs2867125	*TMEM18*	0.05 (0.04)	0.15	-0.01 (0.05)	0.78	0.03 (0.03)	0.34
rs2890652	*LRP1B*	-0.03 (0.04)	0.44	-0.07 (0.05)	0.14	-0.05 (0.03)	0.13
rs29941	*KCTD15*	0.01 (0.03)	0.69	-0.002 (0.04)	0.95	0.01 (0.02)	0.79
rs3810291	*ZC3H4*	0.01 (0.03)	0.79	0.02 (0.04)	0.57	0.01 (0.02)	0.57
rs3817334	*MTCH2*	0.08 (0.03)	**0.007**	0.05 (0.04)	0.15	0.07 (0.02)	**0.003**
rs4771122	*MTIF3*	0.05 (0.03)	0.17	0.02 (0.05)	0.69	0.04 (0.03)	0.19
rs4836133	*ZNF608*	0.04 (0.03)	0.20	-0.01 (0.04)	0.72	0.02 (0.02)	0.44
rs4929949	*STK33*	0.0001 (0.03)	0.99	-0.03 (0.04)	0.34	-0.01 (0.02)	0.56
rs543874	*SEC16B*	0.04 (0.04)	0.25	0.04 (0.05)	0.44	0.04 (0.03)	0.17
rs571312	*MC4R*	0.03 (0.03)	0.30	-0.04 (0.04)	0.35	0.01 (0.03)	0.80
rs713586	*RBJ*	0.01 (0.03)	0.62	0.02 (0.04)	0.51	0.02 (0.02)	0.42
rs7138803	*FAIM2*	0.07 (0.03)	**0.02**	0.05 (0.04)	0.21	0.06 (0.02)	**0.008**
rs7359397	*SH2B1*	0.05 (0.03)	0.10	0.01 (0.04)	0.78	0.03 (0.02)	0.14
rs887912	*FANCL*	0.09 (0.03)	**0.005**	0.04 (0.04)	0.32	0.07 (0.02)	**0.005**
rs9816226	*ETV5*	0.02 (0.04)	0.50	0.03 (0.05)	0.49	0.03 (0.03)	0.34
rs987237	*TFAP2B*	-0.03 (0.04)	0.42	0.02 (0.05)	0.74	-0.01 (0.03)	0.67

[a]Results from regression analysis adjusted for age and GWAS-set

Supplementary Table 6 Associations between confirmed obesity-SNPs and eating behavior scores[a]

Obesity Loci, SNP	Women				Men				All					
	Model 1[b] β (SE)	P	Model 2[c] β (SE)	P	Model 1[b] β (SE)	P	Model 2[c] β (SE)	P	Model 1[d] β (SE)	P	P het	Model 2[d] β (SE)	P	P het
Cognitive restraint														
Obesity GRS	0.004 (0.006)	0.47	0.03 (0.006)	0.66	0.009 (0.007)	0.22	0.007 (0.007)	0.31	0.006 (0.005)	0.19	0.61	0.004 (0.005)	0.33	0.61
FTO, rs1558902	0.08 (0.03)	0.005	0.08 (0.03)	0.007	0.10 (0.04)	0.01	0.09 (0.04)	0.02	0.09 (0.02)	0.0002	0.76	0.08 (0.02)	0.0003	0.77
LRP1B, rs2890652	-0.09 (0.04)	0.02	-0.09 (0.04)	0.03	-0.06 (0.05)	0.22	-0.06 (0.05)	0.26	-0.08 (0.03)	0.01	0.71	-0.08 (0.03)	0.01	0.67
TFAP2B, rs987237	-0.03 (0.04)	0.37	-0.03 (0.04)	0.39	-0.11 (0.05)	0.02	-0.11 (0.05)	0.02	-0.06 (0.03)	0.03	0.19	-0.06 (0.03)	0.03	0.18
Emotional eating														
Obesity GRS	0.02 (0.006)	0.005	0.007 (0.005)	0.22	0.007 (0.007)	0.35	0.001 (0.007)	0.86	0.01 (0.005)	0.005	0.30	0.005 (0.004)	0.28	0.55
MTCH2, rs3817334	0.07 (0.03)	0.02	0.04 (0.03)	0.15	0.07 (0.04)	0.05	0.06 (0.03)	0.09	0.07 (0.02)	0.002	0.91	0.05 (0.02)	0.03	0.66
TNNI3K, rs1514175	0.08 (0.03)	0.004	0.08 (0.03)	0.003	0.02 (0.04)	0.60	0.02 (0.04)	0.64	0.06 (0.02)	0.01	0.17	0.06 (0.02)	0.008	0.15
FTO, rs1558902	0.05 (0.03)	0.07	0.03 (0.03)	0.31	0.06 (0.04)	0.09	0.05 (0.03)	0.19	0.06 (0.02)	0.01	0.86	0.03 (0.02)	0.11	0.67
ZC3H4, rs3810291	0.06 (0.03)	0.04	0.06 (0.03)	0.04	0.05 (0.04)	0.17	0.05 (0.04)	0.20	0.06 (0.02)	0.01	0.84	0.06 (0.02)	0.01	0.79
QPCTL, rs2287019	-0.07 (0.04)	0.09	-0.09 (0.04)	0.02	-0.06 (0.05)	0.22	-0.07 (0.04)	0.13	-0.06 (0.03)	0.04	0.88	-0.08 (0.03)	0.005	0.74
Uncontrolled eating														
Obesity GRS	0.01 (0.006)	0.03	0.005 (0.006)	0.41	0.02 (0.007)	0.02	0.01 (0.007)	0.13	0.01 (0.005)	0.002	0.65	0.007 (0.004)	0.12	0.51
TNNI3K, rs1514175	0.08 (0.03)	0.004	0.08 (0.03)	0.003	0.02 (0.04)	0.50	0.02 (0.04)	0.54	0.06 (0.02)	0.007	0.21	0.06 (0.02)	0.007	0.18
MTCH2, rs3817334	0.06 (0.03)	0.04	0.04 (0.03)	0.18	0.06 (0.04)	0.08	0.05 (0.03)	0.18	0.06 (0.02)	0.007	0.95	0.04 (0.02)	0.06	0.82
FANCL, rs887912	0.08 (0.03)	0.02	0.05 (0.03)	0.09	0.03 (0.04)	0.46	0.02 (0.04)	0.64	0.06 (0.02)	0.02	0.33	0.04 (0.02)	0.11	0.48
FTO, rs1558902	0.06 (0.03)	0.05	0.03 (0.03)	0.22	0.04 (0.04)	0.29	0.02 (0.03)	0.56	0.05 (0.02)	0.03	0.72	0.03 (0.02)	0.18	0.76
FAIM2, rs7138803	0.07 (0.03)	0.01	0.05 (0.03)	0.07	0.01 (0.04)	0.72	-0.0008 (0.04)	0.98	0.05 (0.02)	0.03	0.21	0.03 (0.02)	0.15	0.25
ZC3H4, rs3810291	0.03 (0.03)	0.38	0.02 (0.03)	0.40	0.09 (0.04)	0.02	0.09 (0.04)	0.02	0.05 (0.02)	0.03	0.20	0.05 (0.02)	0.04	0.21

P het, P for between-gender heterogeneity, GRS for genetic risk score.

[a]Presented are results with P values <0.05 for the combined analysis of men and women for model 1. β (SE) correspond to changes in eating behavior Z-score for each additional BMI increasing allele (GRS) or allele (SNPs).

[b]Results from regression analysis adjusted for age and GWAS-set

[c]Results from regression analysis adjusted for age, GWAS-set and BMI

[d]Results from meta-analysis of men and women

Supplementary Table 7 Association between obesity variants and eating style scores after restriction to non-obese participants[a]

Obesity Loci, SNP	Women				Men				All					
	Model 1[b] β (SE)	P	Model 2[c] β (SE)	P	Model 1[b] β (SE)	P	Model 2[c] β (SE)	P	Model 1[d] β (SE)	P	P het	Model 2[d] β (SE)	P	P het
Cognitive restraint														
Obesity GRS	0.003 (0.006)	0.63	0.001 (0.006)	0.81	0.01 (0.008)	0.10	0.01 (0.008)	0.18	0.007 (0.005)	0.16	0.34	0.005 (0.005)	0.30	0.37
FTO, rs1558902	0.10 (0.03)	0.002	0.09 (0.03)	0.004	0.11(0.04)	0.008	0.11 (0.04)	0.009	0.11 (0.03)	5.1e-5	0.87	0.10 (0.02)	0.0001	0.80
LRP1B, rs2890652	-0.10 (0.04)	0.02	-0.09 (0.04)	0.04	-0.07(0.05)	0.22	-0.06 (0.05)	0.25	-0.08 (0.03)	0.01	0.43	-0.08 (0.03)	0.02	0.70
TFAP2B, rs987237	-0.03 (0.04)	0.43	-0.03 (0.04)	0.49	-0.12 (0.05)	0.02	-0.11 (0.05)	0.02	-0.07 (0.03)	0.03	0.19	-0.06 (0.03)	0.04	0.19
Emotional eating														
Obesity GRS	0.01 (0.006)	0.07	0.009 (0.006)	0.15	0.007 (0.008)	0.38	0.004 (0.008)	0.64	0.01 (0.005)	0.05	0.63	0.007 (0.005)	0.15	0.59
MTCH2, rs3817334	0.08 (0.03)	0.01	0.04 (0.03)	0.14	0.06 (0.04)	0.12	0.06 (0.04)	0.15	0.07 (0.02)	0.002	0.72	0.05 (0.02)	0.04	0.81
TNN131K, rs1514175	0.07 (0.03)	0.03	0.07 (0.03)	0.02	0.06 (0.04)	0.13	0..05 (0.04)	0.17	0.07 (0.02)	0.007	0.84	0.06 (0.02)	0.009	0.78
FTO, rs1558902	0.04 (0.03)	0.18	0.03 (0.03)	0.32	0.05 (0.04)	0.19	0.05 (0.04)	0.22	0.05 (0.02)	0.06	0.86	0.04 (0.02)	0.12	0.72
ZC3H4, rs3810291	0.04 (0.03)	0.21	0.04 (0.03)	0.18	0.05 (0.04)	0.29	0.04 (0.04)	0.29	0.04 (0.03)	0.10	0.96	0.04 (0.03)	0.09	0.99
QPCTL, rs2287019	-0.08 (0.04)	0.05	-0.09 (0.04)	0.02	-0.06 (0.05)	0.23	-0.08 (0.05)	0.13	-0.07 (0.03)	0.02	0.72	-0.09 (0.03)	0.007	0.79
Uncontrolled eating														
Obesity GRS	0.006 (0.006)	0.35	0.004 (0.006)	0.56	0.01 (0.008)	0.06	0.01 (0.008)	0.16	0.01 (0.005)	0.05	0.39	0.006 (0.005)	0.18	0.48
TNN131K, rs1514175	0.08 (0.03)	0.01	0.08 (0.03)	0.01	0.04 (0.04)	0.33	0.03 (0.04)	0.43	0.07 (0.02)	0.01	0.38	0.06 (0.02)	0.01	0.30
MTCH2, rs3817334	0.07 (0.03)	0.02	0.04 (0.03)	0.17	0.06 (0.04)	0.16	0.05 (0.04)	0.23	0.07 (0.02)	0.01	0.72	0.04 (0.02)	0.07	0.94
FANCL, rs887912	0.08 (0.04)	0.02	0.08 (0.03)	0.03	0.04 (0.04)	0.33	0.04 (0.04)	0.35	0.07 (0.03)	0.01	0.41	0.06 (0.03)	0.02	0.47
FTO, rs1558902	0.04 (0.03)	0.17	0.03 (0.03)	0.28	0.05 (0.04)	0.23	0.04 (0.04)	0.26	0.05 (0.03)	0.07	0.94	0.04 (0.02)	0.12	0.84
FAIM2, rs7138803	0.07 (0.03)	0.04	0.05 (0.03)	0.11	0.04 (0.04)	0.35	0.02 (0.04)	0.61	0.06 (0.03)	0.03	0.56	0.04 (0.02)	0.12	0.54
ZC3H4, rs3810291	0.01 (0.03)	0.77	0.01 (0.03)	0.74	0.08 (0.04)	0.08	0.07 (0.04)	0.07	0.04 (0.03)	0.18	0.23	0.04 (0.03)	0.17	0.23

P het- P for between-gender heterogeneity, GRS for genetic risk score

[a] Presented are corresponding results presented in Table 2 after restricting to non-obese participants. β (SE) correspond to changes in eating behavior Z-score for each additional BMI increasing allele (GRS) or allele (SNPs).

[b]Results from regression analysis adjusted for age and GWAS-set

[c]Results from regression analysis adjusted for age, GWAS-set and BMI

[d]Results from meta-analysis of men and women.