Web table J Association of genotypes with body mass index (kg/m^2)(phase 3 and phase 7)

Gene	Genotype	Number	Phase 3	Phase 7	Beta-value (standard error) all years combined
ADAMTS9	GG	2878	24.8 (3.4)	26.3 (4.0)	0
	GA	1857	24.9 (3.4)	26.4 (4.1)	0.005 (0.004)
	AA	297	25.3 (3.4)	26.8 (4.4)	0.017 (0.008)
	P value[1]		0.03	0.04	
	P value[2]		0.05	0.05	0.02
BCL11A	AA	2728	24.9 (3.4)	26.4 (4.1)	0
	AG	1909	24.8 (3.3)	26.3 (4.0)	-0.002 (0.004)
	GG	380	24.7 (3.3)	26.2 (4.0)	-0.009 (0.007)
	P value[1]		0.58	0.55	
	P value[2]		0.53	0.54	0.25
CALPN10	GG	2945	24.9 (3.3)	26.3 (4.1)	0
	GA	2150	24.9 (3.4)	26.4 (4.1)	0.004 (0.004)
	AA	378	24.8 (3.5)	26.4 (4.3)	-0.001 (0.007)
	P value[1]		0.80	0.84	
	P value[2]		0.74	0.84	0.57
CDC123, CAMK1D	AA	3464	24.9 (3.4)	26.3 (4.0)	0
	AG	1448	24.9 (3.4)	26.4 (4.2)	0.003 (0.004)
	GG	124	24.7 (3.7)	25.9 (4.2)	-0.001 (0.012)
	P value[1]		0.82	0.45	
	P value[2]		0.85	0.44	0.62
CDKALI	GG	4463	24.9 (3.4)	26.4 (4.1)	0
	GA	543	24.9 (3.4)	26.4 (4.2)	-0.001 (0.006)
	AA	24	24.4 (2.9)	25.4 (2.8)	-0.019 (0.026)
	P value[1]		0.77	0.48	
	P value[2]		0.65	0.46	0.71
CDKN	AA	3257	24.8 (3.4)	26.3 (4.1)	0
	AG	1543	24.9 (3.3)	26.4 (4.0)	0.006 (0.004)
	GG	149	25.1 (3.2)	26.6 (3.8)	0.012 (0.011)
	P value[1]		0.37	0.58	
	P value[2]		0.45	0.60	0.08
FTO	TT	1953	24.7 (3.3)	26.1 (4.0)	0
	TC	2716	24.8 (3.3)	26.3 (4.1)	0.009 (0.004)
	CC	938	25.5 (3.6)	26.9 (4.3)	0.030 (0.005)
	P value[1]		<0.0001	<0.0001	
	P value[2]		<0.0001	<0.0001	<0.0001
HHEX	GG	2635	24.9 (3.4)	26.4 (4.0)	0
	GA	1968	24.8 (3.4)	26.3 (4.1)	-0.006 (0.004)
	AA	405	24.7 (3.3)	26.0 (4.1)	-0.007 (0.007)
	P value[1]		0.31	0.13	
	P value[2]		0.35	0.14	0.09
HNF1A	CC	5106	24.9 (3.4)	26.3 (4.1)	0

	CT	301	25.2 (3.3)	26.6 (4.3)	0.011 (0.008)
	TT	5	24.7 (1.7)	26.5 (0.6)	0.015 (0.057)
	P value[1]		0.31	0.48	
	P value[2]		0.22	0.45	0.14
IGF2BP2	CC	2362	24.9 (3.3)	26.4 (4.0)	0
	AC	2182	24.8 (3.4)	26.3 (4.0)	-0.002 (0.004)
	AA	485	24.9 (3.6)	26.3 (4.5)	0.005 (0.006)
	P value[1]		0.84	0.82	
	P value[2]		0.81	0.81	0.78
JAZF1	AA	1269	24.8 (3.3)	26.1 (4.0)	0
	AG	2453	24.9 (3.4)	26.4 (4.1)	0.003 (0.004)
	GG	1304	25.0 (3.4)	26.5 (4.1)	0.004 (0.005)
	P value[1]		0.32	0.03	
	P value[2]		0.37	0.03	0.40
KCNJ11	CC	2313	24.9 (3.4)	26.3 (4.1)	0
	CT	2478	24.9 (3.4)	26.4 (4.1)	-0.001 (0.004)
	TT	720	25.0 (3.5)	26.5 (4.1)	0.006 (0.005)
	P value[1]		0.46	0.40	
	P value[2]		0.46	0.41	0.39
NOTCH2	CC	4024	24.9 (3.4)	26.4 (41)	0
	AC	949	24.8 (3.3)	26.3 (4.0)	-0.004 (0.005)
	AA	62	24.8 (2.8)	26.5 (3.6)	-0.015 (0.016)
	P value[1]		0.83	0.73	
	P value[2]		0.73	0.73	0.28
PPARG	CC	4290	24.9 (3.4)	26.4 (4.1)	0
	CG	1138	24.8 (3.4)	26.3 (4.1)	-0.002 (0.004)
	GG	86	24.5 (3.7)	25.8 (4.1)	-0.021 (0.014)
	P value[1]		0.48	0.35	
	P value[2]		0.38	0.33	0.26
SLC30A8	GG	2416	24.8 (3.4)	26.3 (4.1)	0
	GA	2177	24.9 (3.4)	26.4 (4.1)	0.003 (0.004)
	AA	428	24.9 (3.5)	26.2 (4.1)	0.001 (0.007)
	P value[1]		0.35	0.37	
	P value[2]		0.44	0.38	0.60
TCF2 (HNF1B)	AA	1395	24.9 (3.3)	26.4 (4.0)	0
	AG	2446	24.9 (3.4)	26.3 (4.1)	0.001 (0.004)
	GG	1154	24.8 (3.4)	26.3 (4.1)	0.001 (0.005)
	P value[1]		0.98	0.88	
	P value[2]		0.95	0.86	0.81
TCF7L2	AA	2365	24.9 (3.4)	26.4 (4.1)	0
	AG	2173	24.9 (3.4)	26.4 (4.1)	-0.000 (0.004)
	GG	467	24.7 (3.2)	26.1 (3.9)	-0.007 (0.006)
	P value[1]		0.36	0.44	
	P value[2]		0.33	0.42	0.44
THADA	AA	3953	24.8 (3.4)	26.3 (4.1)	0
	AG	1003	25.0 (3.5)	26.6 (4.1)	0.006 (0.004)

	GG	75	24.6 (3.3)	26.1 (4.3)	-0.001 (0.015)
	P value[1]		0.20	0.17	
	P value[2]		0.15	0.16	0.25
TSPAN8, LGR5	AA	1762	24.8 (3.4)	26.3 (4.0)	0
	AG	2424	24.9 (3.4)	26.4 (4.1)	0.005 (0.004)
	GG	838	24.9 (3.5)	26.4 (4.1)	0.003 (0.005)
	P value[1]		0.76	0.71	
	P value[2]		0.71	0.69	0.38
VEGFA	GG	2611	24.9 (3.4)	26.3 (4.0)	0
	GA	2008	24.9 (3.5)	26.4 (4.2)	0.0 (0.004)
	AA	400	24.8 (3.2)	26.3 (3.9)	-0.004 (0.007)
	P value[1]		0.73	0.89	
	P value[2]		0.77	0.90	0.71

Results are geometric mean (approximate SD)

[1] ANOVA, unadjusted

[2] ANOVA, adjusted for age and gender.