Web table I Association of genotypes with 2hr glucose after the oral glucose tolerance test (mmol/l) (phase 3 and phase 7). Results are geometric mean (approximate SD)

Gene	Genotype	Number	Phase 3	Phase 7	Beta-value (standard error) all years combined
ADAMTS9	GG	2878	5.28 (1.60)	6.18 (1.72)	0
	GA	1857	5.23 (1.52)	6.27 (1.88)	-0.000 (0.007)
	AA	297	5.40 (1.51)	6.26 (1.93)	0.023 (0.015)
	P value[1]		0.24	0.37	
	P value[2]		0.30	0.51	0.32
BCL11A	AA	2728	5.26 (1.53)	6.22 (1.78)	0
	AG	1909	5.27 (1.62)	6.23 (1.79)	0.003 (0.007)
	GG	380	5.26 (1.59)	6.12 (1.92)	0.001 (0.013)
	P value[1]		0.97	0.60	
	P value[2]		0.997	0.65	0.76
CALPN10	GG	2945	5.17 (1.59)	6.23 (1.79)	0
	GA	2150	5.24 (1.56)	6.27 (1.78)	0.005 (0.007)
	AA	378	5.18 (1.52)	6.24 (1.64)	-0.001 (0.013)
	P value[1]		0.62	0.74	
	P value[2]		0.59	0.63	0.66
CDC123, CAMK1D	AA	3464	5.31 (1.59)	6.28 (1.86)	0
	AG	1448	5.18 (1.52)	6.12 (1.64)	-0.021 (0.007)
	GG	124	5.00 (1.46)	5.77 (1.55)	-0.063 (0.022)
	P value[1]		0.01	0.002	
	P value[2]		0.01	0.003	<0.0001
	GG	4463	5.27 (1.57)	6.22 (1.79)	0
	GA	543	5.19 (1.53)	6.25 (1.82)	-0.001 (0.011)
	AA	24	5.82 (2.21)	5.63 (1.75)	-0.007 (0.050)
	P value[1]		0.14	0.36	
CDKALI	P value[2]		0.23	0.23	0.87
CDKN	AA	3257	5.24 (1.57)	6.20 (1.81)	0
	AG	1543	5.29 (1.55)	6.23 (1.79)	0.010 (0.007)
	GG	149	5.28 (1.55)	6.31 (1.68)	0.019 (0.020)
	P value[1]		0.62	0.78	
	P value[2]		0.67	0.82	0.12
FTO	TT	1953	5.27 (1.59)	6.31 (1.79)	0
	TC	2716	5.24 (1.57)	6.16 (1.78)	-0.006 (0.007)
	CC	938	5.27 (1.55)	6.31 (1.78)	-0.000 (0.009)
	P value[1]		0.81	0.02	
	P value[2]		0.86	0.02	0.80
HHEX	GG	2635	5.22 (1.54)	6.19 (1.79)	0
	GA	1968	5.33 (1.61)	6.27 (1.81)	0.015 (0.007)
	AA	405	5.22 (1.51)	6.16 (1.75)	0.003 (0.013)
	P value[1]		0.09	0.37	
	P value[2]		0.08	0.43	0.19
HNF1A	CC	5106	5.26 (1.57)	6.25 (1.78)	0

	CT	301	5.04 (1.52)	6.11 (1.82)	-0.015 (0.014)
	TT	5	5.74 (1.47)	6.49 (3.57)	0.009 (0.113)
	P value[1]		0.08	0.48	
	P value[2]		0.11	0.67	0.31
IGF2BP2	CC	2362	5.22 (1.53)	6.19 (1.78)	0
	AC	2182	5.32 (1.58)	6.24 (1.81)	0.015 (0.007)
	AA	485	5.25 (1.68)	6.21 (1.79)	0.012 (0.012)
	P value[1]		0.12	0.66	
	P value[2]		0.13	0.61	0.07
JAZF1	AA	1269	5.33 (1.64)	6.27 (1.84)	0
	AG	2453	5.26 (1.54)	6.21 (1.78)	-0.007 (0.008)
	GG	1304	5.21 (1.55)	6.20 (1.78)	-0.020 (0.009)
	P value[1]		0.18	0.64	
	P value[2]		0.18	0.34	0.03
KCNJ11	CC	2313	5.18 (1.54)	6.18 (1.73)	0
	CT	2478	5.31 (1.60)	6.27 (1.78)	0.016 (0.007)
	TT	720	5.29 (1.58)	6.33 (1.96)	0.020 (0.010)
	P value[1]		0.02	0.14	
	P value[2]		0.01	0.10	0.01
NOTCH2	CC	4024	5.26 (1.55)	6.19 (1.77)	0
	AC	949	5.29 (1.63)	6.33 (1.90)	0.011 (0.009)
	AA	62	5.35 (1.45)	6.21 (1.53)	0.003 (0.031)
	P value[1]		0.84	0.16	
	P value[2]		0.91	0.23	0.24
PPARG	CC	4290	5.27 (1.58)	6.26 (1.78)	0
	CG	1138	5.18 (1.51)	6.17 (1.78)	-0.008 (0.008)
	GG	86	5.45 (1.62)	6.19 (2.02)	-0.005 (0.026)
	P value[1]		0.15	0.39	
	P value[2]		0.20	0.45	0.35
SLC30A8	GG	2416	5.25 (1.55)	6.17 (1.79)	0
	GA	2177	5.27 (1.59)	6.25 (1.80)	0.004 (0.007)
	AA	428	5.29 (1.49)	6.36 (1.73)	0.009 (0.013)
	P value[1]		0.86	0.14	
	P value[2]		0.94	0.28	0.43
TCF2 (HNF1B)	AA	1395	5.25 (1.51)	6.18 (1.84)	0
	AG	2446	5.22 (1.58)	6.18 (1.75)	-0.004 (0.008)
	GG	1154	5.39 (1.60)	6.32 (1.81)	0.024 (0.009)
	P value[1]		0.01	0.12	
	P value[2]		0.01	0.16	0.02
TCF7L2	AA	2365	5.24 (1.58)	6.11 (1.75)	0
	AG	2173	5.25 (1.55)	6.30 (1.78)	0.016 (0.007)
	GG	467	5.46 (1.59)	6.41 (2.01)	0.040 (0.012)
	P value[1]		0.03	0.001	
	P value[2]		0.04	0.001	<0.001
THADA	AA	3953	5.27 (1.58)	6.23 (1.81)	0
	AG	1003	5.23 (1.54)	6.15 (1.75)	-0.009 (0.008)

	GG	75	5.17 (1.29)	6.43 (1.55)	-0.018 (0.028)
	P value[1]		0.69	0.36	
	P value[2]		0.71	0.49	0.24
TSPAN8, LGR5	AA	1762	5.29 (1.55)	6.21 (1.74)	0
	AG	2424	5.26 (1.61)	6.23 (1.81)	-0.001 (0.007)
	GG	838	5.23 (1.50)	6.20 (1.87)	-0.004 (0.010)
	P value[1]		0.72	0.94	
	P value[2]		0.76	0.88	0.69
VEGFA	GG	2611	5.26 (1.57)	6.16 (1.76)	0
	GA	2008	5.26 (1.58)	6.29 (1.84)	0.007 (0.007)
	AA	400	5.28 (1.51)	6.19 (1.74)	0.002 (0.013)
	P value[1]		0.97	0.10	
	P value[2]		0.93	0.17	0.51

[1] ANOVA, unadjusted

[2] ANOVA, adjusted for age and gender.