Web table H Association of genotypes with fasting glucose (mmol/l) (phase 3 and phase 7).

Gene	Genotype	Number	Phase 3	Phase 7	Beta-value (standard error) all years combined
ADAMTS9	GG	2878	5.19 (0.53)	5.35 (0.85)	0
	GA	1857	5.20 (0.51)	5.36 (0.85)	-0.001 (0.003)
	AA	297	5.18 (0.44)	5.36 (0.85)	0.003 (0.007)
	P value[1]		0.90	0.96	
	P value[2]		0.93	0.96	0.88
BCL11A	AA	2728	5.20 (0.54)	5.37 (0.87)	0
	AG	1909	5.19 (0.50)	5.34 (0.82)	-0.003 (0.003)
	GG	380	5.19 (0.45)	5.34 (0.87)	-0.005 (0.006)
	P value[1]		0.98	0.52	
	P value2		0.95	0.58	0.28
CALPN10	GG	2945	5.18 (0.52)	5.36 (0.81)	0
	GA	2150	5.20 (0.53)	5.35 (0.91)	0.000 (0.003)
	AA	378	5.17 (0.52)	5.32 (0.76)	-0.005 (0.006)
	P value[1]		0.33	0.64	
	P value[2]		0.30	0.74	0.64
	AA	3464	5.20 (0.52)	5.35 (0.83)	0
	AG	1448	5.18 (0.47)	5.35 (0.86)	-0.001 (0.004)
	GG	124	5.21 (0.74)	5.43 (1.15)	0.005 (0.010)
CDC123,	P value[1]		0.75	0.60	
CAMK1D	P value[2]		0.70	0.51	0.90
	GG	4463	5.20 (0.52)	5.36 (0.85)	0
	GA	543	5.15 (0.53)	5.32 (0.85)	-0.005 (0.005)
	AA	24	5.32 (0.77)	5.70 (1.45)	0.032 (0.023)
	P value[1]		0.09	0.10	
CDKALI	P value[2]		0.10	0.11	0.73
	AA	3257	5.18 (0.52)	5.35 (0.86)	0
	AG	1543	5.22 (0.51)	5.35 (0.82)	0.004 (0.003)
	GG	149	5.23 (0.55)	5.47 (1.10)	0.022 (0.009)
	P value[1]		0.03	0.28	
CDKN	P value[2]		0.03	0.25	0.03
	TT	1953	5.19 (0.53)	5.34 (0.85)	0
	TC	2716	5.19 (0.52)	5.34 (0.82)	-0.001 (0.003)
	CC	938	5.20 (0.54)	5.41 (0.96)	0.007 (0.005)
	P value[1]		0.74	0.11	
FTO	P value[2]		0.68	0.14	0.24
	GG	2635	5.21 (0.54)	5.36 (0.87)	0
	GA	1968	5.18 (0.49)	5.35 (0.84)	-0.005 (0.003)
	AA	405	5.18 (0.48)	5.31 (0.74)	-0.004 (0.006)
	P value[1]		0.21	0.44	
HHEX	P value[2]		0.12	0.40	0.22
HNF1A	CC	5106	5.19 (0.52)	5.35 (0.85)	0

	CT	301	5.22 (0.56)	5.38 (0.94)	0.005 (0.007)
	TT	5	5.62 (0.45)	5.56 (0.56)	0.092 (0.053)
	P value[1]		0.26	0.74	
	P value[2]		0.19	0.66	0.25
	CC	2362	5.17 (0.50)	5.33 (0.85)	0
	AC	2182	5.22 (0.54)	5.39 (0.87)	0.007 (0.003)
	AA	485	5.18 (0.48)	5.32 (0.72)	-0.002 (0.006)
	P value[1]		0.02	0.05	
IGF2BP2	P value[2]		0.02	0.06	0.36
	AA	1269	5.18 (0.50)	5.36 (0.85)	0
	AG	2453	5.20 (0.54)	5.35 (0.83)	-0.001 (0.004)
	GG	1304	5.20 (0.50)	5.34 (0.88)	-0.003 (0.004)
	P value[1]		0.48	0.84	
JAZF1	P value[2]		0.62	0.66	0.47
KCNJ11	CC	2313	5.18 (0.54)	5.33 (0.81)	0
	CT	2478	5.20 (0.51)	5.37 (0.89)	0.006 (0.003)
	TT	720	5.20 (0.54)	5.40 (0.89)	0.006 (0.005)
	P value[1]		0.59	0.11	
	P value[2]		0.44	0.10	0.07
NOTCH2	CC	4024	5.19 (0.52)	5.35 (0.86)	0
	AC	949	5.21 (0.52)	5.37 (0.84)	0.002 (0.004)
	AA	62	5.11 (0.66)	5.29 (0.53)	-0.012 (0.014)
	P value[1]		0.35	0.73	
	P value[2]		0.39	0.78	0.995
PPARG	CC	4290	5.20 (0.52)	5.35 (0.84)	0
	CG	1138	5.17 (0.53)	5.36 (0.89)	-0.001 (0.004)
	GG	86	5.14 (0.51)	5.43 (0.99)	-0.000 (0.013)
	P value[1]		0.16	0.68	
	P value[2]		0.18	0.70	0.85
SLC30A8	GG	2416	5.19 (0.53)	5.36 (0.85)	0
	GA	2177	5.20 (0.51)	5.35 (0.85)	-0.003 (0.003)
	AA	428	5.19 (0.47)	5.31 (0.86)	-0.008 (0.006)
	P value[1]		0.92	0.50	
	P value[2]		0.77	0.39	0.13
TCF2	AA	1395	5.21 (0.51)	5.34 (0.78)	0
(HNF1B)	AG	2446	5.18 (0.54)	5.35 (0.87)	-0.000 (0.004)
	GG	1154	5.22 (0.49)	5.37 (0.90)	0.003 (0.005)
	P value[1]		0.08	0.72	
	P value[2]		0.14	0.79	0.47
TCF7L2	AA	2365	5.19 (0.52)	5.34 (0.82)	0
	AG	2173	5.20 (0.52)	5.36 (0.89)	0.003 (0.003)
	GG	467	5.22 (0.51)	5.37 (0.84)	0.002 (0.006)
	P value[1]		0.59	0.59	
	P value[2]		0.52	0.56	0.48
THADA	AA	3953	5.20 (0.51)	5.36 (0.86)	0
	AG	1003	5.17 (0.54)	5.34 (0.77)	-0.004 (0.004)

	GG	75	5.18 (0.43)	5.35 (1.09)	0.003 (0.013)
	P value[1]		0.15	0.92	
	P value[2]		0.14	0.91	0.43
TSPAN8, LGR5	AA	1762	5.18 (0.52)	5.36 (0.90)	0
	AG	2424	5.20 (0.52)	5.35 (0.83)	-0.001 (0.004)
	GG		5.18 (0.50)	5.35 (0.80)	-0.004 (0.005)
	P value[1]	838	0.40	0.83	
	P value[2]		0.45	0.75	0.44
VEGFA	GG	2611	5.20 (0.53)	5.34 (0.80)	0
	GA	2008	5.19 (0.51)	5.38 (0.93)	0.004 (0.003)
	AA	400	5.20 (0.47)	5.31 (0.73)	-0.001 (0.006)
	P value[1]		0.85	0.20	
	P value[2]		0.70	0.22	0.54

Results are geometric mean (approximate SD)

[1] ANOVA, unadjusted

[2] ANOVA, adjusted for age and gender.