

TABLE S2: Comprehensive information for SNPs genotyped in stage 1 +2.

GENE	SNP ID	hg17 Position	Alleles Minor/Major	Minor Allele Freq	Genotypes: Cases			Genotypes: Controls			Minor Allele			Minor Allele			p_{SNP}	p_{gene}
					AA	AB	BB	AA	AB	BB	p_{dom}	p_{rec}	p_{mult}	OR - dom (CI)	OR - rec (CI)	OR - mult (CI)		
GCK	rs2284769	43995460	G/C	0.152	34	289	821	17	260	692	.86	.066	.70	0.98 (0.81-1.19)	1.72 (0.95-3.09)	1.03 (0.87-1.22)	.13	
	rs2284773	43994535	A/G	0.121	21	270	866	14	207	753	.18	.49	.17	1.14 (0.94-1.40)	1.27 (0.64-2.51)	1.14 (0.95-1.36)	.31	
	rs2244164	43990366	C/T	0.470	206	555	398	210	473	268	.0024	.014	.00070	0.75 (0.62-0.90)	0.76 (0.62-0.95)	0.81 (0.72-0.92)	.0018	.039
	rs12534623	43965443	G/A	0.346	164	530	450	107	462	408	.26	.019	.048	1.11 (0.93-1.32)	1.36 (1.05-1.76)	1.14 (1.00-1.29)	*	.043
	rs2268573	43963708	G/T	0.484	328	535	262	223	496	255	.13	.0011	.0033	1.17 (0.96-1.43)	1.39 (1.14-1.69)	1.20 (1.06-1.35)	*	.0027
	rs882020	43951983	T/C	0.161	42	323	779	19	268	665	.39	.021	.14	1.09 (0.90-1.31)	1.87 (1.08-3.24)	1.13 (0.96-1.33)	*	.045
HNF1A	rs2701175	119854391	C/A	0.42	220	537	398	146	527	303	.094	.012	.82	0.86 (0.71-1.03)	1.34 (1.06-1.68)	1.01 (0.90-1.15)	.028	.22
	rs1920792	119867304	C/T	0.476	255	568	332	206	517	253	.15	.59	.54	0.87 (0.72-1.05)	1.06 (0.86-1.30)	0.96 (0.85-1.09)	.28	
	GE117884_349	119868008	A/G	0.35	131	535	484	99	473	387	.42	.43	.82	0.93 (0.78-1.11)	1.12 (0.85-1.47)	0.98 (0.86-1.12)	.67	
	GE117881_360	119878013	G/A	0.456	260	549	331	181	504	265	.57	.036	.40	0.95 (0.78-1.14)	1.26 (1.01-1.55)	1.05 (0.93-1.19)	.076	
	rs1169289	119879342	G/C	0.471	266	580	313	196	515	252	.66	.15	.56	0.96 (0.79-1.16)	1.17 (0.95-1.44)	1.04 (0.92-1.17)	.28	
	rs1169288	119879370	C/A	0.384	182	518	447	127	493	353	.20	.066	.97	0.89 (0.75-1.06)	1.26 (0.98-1.60)	1.00 (0.89-1.14)	.14	
	rs1169300	119893945	A/G	0.312	118	495	546	85	434	449	.74	.27	.81	0.97 (0.82-1.15)	1.18 (0.88-1.58)	1.02 (0.89-1.16)	.47	
	rs2071190	119893992	A/T	0.209	63	340	746	26	348	583	.058	.0014	.62	0.84 (0.71-1.01)	2.08 (1.30-3.31)	0.96 (0.83-1.12)	.0032	.035
rs735396	119901564	C/T	0.36	160	527	453	118	464	389	.88	.20	.46	1.01 (0.85-1.21)	1.18 (0.91-1.52)	1.05 (0.92-1.19)	.37		
IPF1	rs2297316	27388211	A/G	0.407	192	508	457	144	501	324	.0038	.27	.15	0.77 (0.64-0.92)	1.14 (0.90-1.44)	0.91 (0.81-1.03)	.0091	.074
HNF1B	rs2107131	33160802	A/G	0.416	176	542	444	167	474	331	.046	.20	.040	0.83 (0.70-1.00)	0.86 (0.68-1.08)	0.88 (0.78-0.99)	.085	
	rs916895	33158340	T/C	0.063	4	143	995	3	114	838	.66	1.00	.66	1.06 (0.82-1.36)	ND	1.06 (0.82-1.36)	.66	
	rs12450628	33156534	T/C	0.279	124	467	561	67	410	498	.27	.0016	.026	1.10 (0.93-1.30)	1.63 (1.20-2.23)	1.16 (1.02-1.33)	.0038	.140
	rs1008284	33136571	A/G	0.260	55	463	638	84	339	551	.52	.00032	.35	1.06 (0.89-1.26)	0.53 (0.37-0.75)	0.94 (0.82-1.08)	.00080	.035
	rs1058166	33121104	C/T	0.054	2	111	1044	6	93	882	.58	1.00	.58	0.93 (0.71-1.21)	ND	0.93 (0.71-1.21)	.58	
	rs3094503	33104521	C/A	0.217	47	361	752	40	337	583	.052	.89	.090	0.84 (0.70-1.00)	0.97 (0.63-1.49)	0.88 (0.76-1.02)	.11	
NEUROD1	rs3916026	182374518	C/G	0.417	173	512	476	167	481	330	.00055	.17	.002	0.73 (0.61-0.87)	0.85 (0.67-1.07)	0.82 (0.73-0.93)	.0014	.0059
	rs1801262	182368961	T/C	0.337	162	536	470	110	442	431	.091	.062	.032	1.16 (0.98-1.38)	1.28 (0.99-1.66)	1.15 (1.01-1.30)	.069	
HNF4A	rs2144908	42419131	A/G	0.194	54	384	728	36	308	633	.26	.27	.18	1.11 (0.93-1.32)	1.27 (0.83-1.95)	1.11 (0.95-1.29)	.34	
	rs6031552	42423208	A/C	0.213	38	372	753	46	321	604	.22	.083	.103	0.90 (0.75-1.07)	0.68 (0.44-1.05)	0.88 (0.76-1.03)	.17	
	rs6103716	42433044	C/A	0.345	175	559	403	118	429	416	.00029	.038	.00027	1.39 (1.16-1.65)	1.30 (1.01-1.67)	1.26 (1.11-1.44)	.00067	.028
	rs6031558	42433057	C/G	0.314	80	447	611	102	400	460	.0073	.0038	.001	0.79 (0.67-0.94)	0.64 (0.47-0.87)	0.80 (0.70-0.91)	†	.0021
	rs6103723	42450953	A/C	0.026	0	44	1110	1	48	920	.14	1.00	.14	0.73 (0.49-1.11)	ND	0.73 (0.49-1.11)	.14	
	rs2425637	42457463	T/G	0.482	312	592	260	228	485	264	.012	.065	.0077	1.29 (1.06-1.57)	1.20 (0.99-1.46)	1.18 (1.04-1.33)	†	.018
	rs2425640	42461451	A/G	0.408	158	534	464	157	483	336	.0066	.12	.0064	0.78 (0.66-0.93)	0.83 (0.65-1.05)	0.84 (0.74-0.95)	.015	
	rs3212183	42468552	C/T	0.391	195	560	366	152	437	359	.013	.41	.032	1.26 (1.05-1.51)	1.10 (0.87-1.39)	1.15 (1.01-1.30)	†	.030
	rs3212191	42472196	C/T	0.146	34	301	797	29	221	704	.086	.96	.14	1.18 (0.98-1.44)	0.99 (0.60-1.63)	1.13 (0.96-1.33)	.17	
	rs1885088	42472454	A/G	0.117	25	273	870	20	190	770	.026	.87	.045	1.26 (1.03-1.54)	1.05 (0.58-1.90)	1.20 (1.00-1.43)	.056	
rs3818247	42490894	T/G	0.341	132	506	520	119	416	424	.75	.47	.56	0.97 (0.82-1.16)	0.91 (0.70-1.18)	0.96 (0.85-1.09)	.72		

A = minor allele in controls; B = major allele in controls; GE117881_360 and GE117884_349 are not in dbSNP; OR (CI), Odds Ratio (confidence interval); ND, model not run (< 10 individuals in genotype class); p_{SNP} , p-value after accounting for testing of three genetic models; p_{GENE} , p-value after accounting for testing of correlated SNPs within a gene and only calculated for SNPs with $p_{\text{SNP}} < .05$; *, T2D association is accounted for by rs2244164; †, T2D association is accounted for by rs6103716