

## Supplementary Tables

**Supplementary Table 1: 310 SNPs obtained from meta-analysis of PRACTICAL AND CRUK datasets.**

SNP	Effect Allele	Other Allele	Beta	SE	Beta 95% CI	P-value	I <sup>2</sup>	Sample size
rs102275	G	A	-0.01	0.01	-0.04, 0.02	0.46	0.00	43074
rs10238625	G	A	0.00	0.01	-0.02, 0.03	0.80	0.00	43075
rs10267273	A	G	0.00	0.01	-0.02, 0.03	0.81	0.00	43076
rs10509938	A	G	-0.06	0.02	-0.10, -0.01	0.02	0.00	50665
rs10765576	A	G	0.01	0.01	-0.02, 0.04	0.46	0.00	42938
rs10787315	A	G	-0.06	0.02	-0.11, -0.02	0.01	0.00	50665
rs10885119	A	G	-0.06	0.03	-0.11, -0.01	0.03	0.63	43076
rs11688437	G	A	0.02	0.01	-0.01, 0.05	0.29	0.67	43073
rs12243326	G	A	0.02	0.02	-0.02, 0.05	0.31	NA	39328
rs1260326	A	G	0.02	0.01	-0.01, 0.05	0.13	0.75	50658
rs13266634	A	G	0.01	0.02	-0.02, 0.04	0.72	0.00	43074
rs1335715	A	G	-0.04	0.03	-0.09, 0.01	0.08	0.00	43076
rs174548	C	G	0.00	0.02	-0.03, 0.02	0.75	0.00	43060
rs17775480	A	G	-0.05	0.02	-0.09, 0.00	0.06	0.00	50665
rs2268575	G	A	0.02	0.02	-0.01, 0.06	0.20	0.00	42262
rs243021	A	G	0.00	0.01	-0.03, 0.03	0.99	0.21	50661
rs2877716	A	G	0.00	0.02	-0.03, 0.04	0.89	NA	39327
rs35767	A	G	0.04	0.02	0.00, 0.08	0.04	NA	39326
rs3931	G	A	0.02	0.01	-0.01, 0.05	0.28	0.68	43060
rs4258313	A	C	-0.06	0.02	-0.11, -0.01	0.02	0.00	50621
rs4506565	T	A	0.02	0.02	-0.01, 0.05	0.11	0.00	43076
rs4753426	G	A	-0.01	0.01	-0.03, 0.02	0.65	0.00	43067
rs549410	A	T	0.01	0.01	-0.02, 0.04	0.38	0.56	50653
rs574981	A	G	0.01	0.01	-0.02, 0.04	0.40	0.56	50661
rs780094	A	G	0.02	0.01	-0.01, 0.05	0.15	0.76	50660
rs7903146	A	G	0.02	0.02	-0.01, 0.05	0.17	0.00	43075
rs8042680	A	C	-0.01	0.01	-0.03, 0.02	0.71	0.35	50666
rs853785	G	A	-0.01	0.01	-0.04, 0.02	0.58	0.00	43073
rs1002061	A	T	-0.02	0.05	-0.11, 0.07	0.62	NA	3748
rs1005256	A	C	0.03	0.05	-0.06, 0.12	0.50	NA	3748
rs10209020	C	T	0.03	0.03	-0.04, 0.10	0.38	0.00	11338
rs10238161	A	T	-0.04	0.05	-0.13, 0.05	0.40	NA	3748
rs10244051	G	T	-0.02	0.05	-0.11, 0.07	0.71	NA	3748
rs10244143	C	T	-0.05	0.05	-0.14, 0.04	0.27	NA	3748
rs10258074	A	T	0.02	0.05	-0.07, 0.11	0.70	NA	3747

rs10264723	C	T	0.03	0.05	-0.05, 0.12	0.45	NA	3748
rs10276674	C	T	0.03	0.06	-0.09, 0.15	0.61	NA	3747
rs10278336	A	G	0.00	0.05	-0.09, 0.09	0.97	NA	3748
rs1046896	C	T	0.02	0.05	-0.08, 0.12	0.67	NA	3748
rs10487796	A	T	0.02	0.05	-0.07, 0.11	0.70	NA	3747
rs10497345	C	G	-0.05	0.11	-0.27, 0.16	0.64	NA	3748
rs10497346	C	T	0.07	0.05	-0.04, 0.17	0.20	0.04	11337
rs10497348	A	G	-0.05	0.11	-0.27, 0.17	0.65	NA	3748
rs10501320	C	G	0.05	0.03	-0.01, 0.11	0.13	0.70	11337
rs10509937	A	C	0.10	0.05	0.00, 0.21	0.06	0.00	11337
rs10765573	A	T	-0.08	0.05	-0.17, 0.02	0.12	NA	3748
rs10787312	A	G	0.08	0.06	-0.03, 0.19	0.14	0.00	11338
rs10787316	A	G	0.11	0.05	0.00, 0.21	0.05	0.00	11337
rs10807778	C	G	-0.04	0.05	-0.13, 0.05	0.41	NA	3748
rs10830956	C	T	0.06	0.05	-0.04, 0.16	0.22	NA	3747
rs10830961	A	G	0.05	0.05	-0.05, 0.14	0.33	NA	3748
rs10830962	C	G	0.05	0.05	-0.05, 0.15	0.32	0.00	3748
rs10830963	C	G	0.06	0.06	-0.05, 0.17	0.32	NA	3748
rs10885116	C	G	-0.09	0.06	-0.20, 0.02	0.09	0.00	11338
rs10885117	C	T	-0.10	0.06	-0.21, 0.01	0.08	0.00	11338
rs10885120	A	T	0.07	0.05	-0.03, 0.17	0.15	0.00	11337
rs10885122	G	T	0.10	0.05	0.00, 0.21	0.04	0.15	11337
rs10885123	C	T	0.05	0.07	-0.08, 0.18	0.47	NA	3748
rs10950545	C	T	0.02	0.05	-0.08, 0.12	0.68	NA	3748
rs10950549	A	G	0.03	0.05	-0.06, 0.12	0.50	NA	3748
rs1101533	A	T	-0.02	0.05	-0.11, 0.07	0.66	NA	3748
rs11020107	C	G	-0.05	0.05	-0.15, 0.06	0.37	NA	3748
rs11020124	C	T	-0.07	0.05	-0.17, 0.03	0.19	NA	3747
rs11038672	C	G	-0.05	0.05	-0.14, 0.04	0.30	NA	3748
rs11039149	A	G	-0.05	0.03	-0.11, 0.01	0.13	0.71	11338
rs11039165	A	G	-0.05	0.03	-0.11, 0.02	0.14	0.58	11338
rs11039182	C	T	0.06	0.03	-0.01, 0.13	0.08	0.67	11337
rs11195496	G	T	0.09	0.06	-0.02, 0.21	0.11	0.00	11338
rs11195502	C	T	0.10	0.06	-0.01, 0.22	0.08	0.00	11337
rs11514706	A	C	0.02	0.05	-0.07, 0.11	0.63	NA	3748
rs11523890	C	T	0.08	0.05	-0.02, 0.17	0.12	NA	3748
rs11558471	A	G	-0.01	0.05	-0.10, 0.09	0.90	NA	3748
rs11595612	C	T	0.09	0.06	-0.03, 0.21	0.14	0.00	11337
rs11598008	A	G	-0.10	0.08	-0.25, 0.05	0.20	NA	3748
rs11598724	A	G	-0.10	0.08	-0.25, 0.05	0.20	NA	3748
rs11599394	A	G	-0.10	0.06	-0.22, 0.03	0.13	0.00	11338
rs11605924	A	C	-0.04	0.05	-0.13, 0.05	0.37	NA	3748
rs11607883	A	G	0.06	0.05	-0.03, 0.15	0.20	NA	3748

rs11634397	A	G	-0.02	0.06	-0.13, 0.09	0.75	NA	3748
rs11676084	A	G	-0.06	0.05	-0.16, 0.04	0.26	NA	3747
rs11688384	A	T	-0.04	0.07	-0.18, 0.10	0.57	NA	3748
rs11708067	A	G	0.02	0.05	-0.09, 0.13	0.73	NA	3747
rs11717195	C	T	-0.03	0.05	-0.14, 0.07	0.56	NA	3747
rs11763864	A	T	-0.03	0.06	-0.15, 0.10	0.69	NA	3748
rs11774700	C	T	0.01	0.06	-0.11, 0.12	0.91	NA	3748
rs11817468	A	G	0.09	0.06	-0.03, 0.21	0.13	0.00	11338
rs11971503	C	T	0.02	0.05	-0.08, 0.12	0.67	NA	3748
rs11974348	C	T	0.00	0.06	-0.11, 0.11	0.95	NA	3748
rs11980500	A	G	0.01	0.06	-0.10, 0.13	0.84	NA	3748
rs12113083	C	G	-0.03	0.05	-0.12, 0.06	0.46	NA	3748
rs12222793	A	G	0.05	0.07	-0.08, 0.18	0.47	NA	3748
rs12255945	A	G	-0.10	0.06	-0.21, 0.02	0.09	0.00	11337
rs12374901	C	T	0.01	0.05	-0.08, 0.10	0.86	NA	3748
rs12471347	C	G	0.03	0.03	-0.04, 0.10	0.36	0.01	11337
rs12475700	A	G	0.02	0.05	-0.07, 0.11	0.70	NA	3748
rs12477908	A	C	0.03	0.03	-0.04, 0.09	0.43	0.00	11338
rs1260333	A	G	0.03	0.03	-0.02, 0.09	0.27	0.90	11337
rs12699673	C	T	0.04	0.05	-0.05, 0.13	0.36	NA	3747
rs12768852	C	T	0.11	0.08	-0.05, 0.26	0.17	NA	3748
rs12769195	A	G	-0.09	0.06	-0.21, 0.03	0.13	0.00	11338
rs12780861	A	C	-0.09	0.06	-0.21, 0.03	0.14	0.00	11338
rs12780993	C	T	0.10	0.06	-0.03, 0.22	0.13	0.00	11338
rs12784552	A	G	0.10	0.06	-0.02, 0.21	0.09	0.00	11337
rs12792753	C	T	-0.07	0.05	-0.17, 0.03	0.17	NA	3748
rs12805422	A	G	0.06	0.05	-0.03, 0.15	0.21	NA	3748
rs1303722	C	T	0.01	0.03	-0.05, 0.07	0.72	0.73	11338
rs13292136	C	T	0.04	0.07	-0.09, 0.17	0.52	0.00	11337
rs13431652	C	T	-0.04	0.05	-0.14, 0.06	0.43	NA	3748
rs1387153	C	T	0.06	0.05	-0.04, 0.16	0.22	NA	3748
rs1402837	C	T	0.03	0.06	-0.08, 0.14	0.57	NA	3748
rs1447350	C	G	-0.01	0.05	-0.11, 0.08	0.76	NA	3748
rs1447351	A	G	0.01	0.05	-0.08, 0.11	0.77	0.00	3748
rs1447352	A	G	-0.01	0.05	-0.10, 0.08	0.78	NA	3748
rs1531343	C	G	-0.01	0.08	-0.16, 0.14	0.90	NA	3748
rs1535	A	G	0.02	0.05	-0.08, 0.11	0.74	NA	3748
rs1552224	A	C	0.01	0.06	-0.11, 0.14	0.82	NA	3748
rs1558317	A	T	-0.02	0.05	-0.12, 0.08	0.70	NA	3748
rs1558318	A	T	0.02	0.05	-0.08, 0.12	0.70	NA	3748
rs1581397	C	T	0.04	0.05	-0.05, 0.13	0.35	NA	3748
rs1597023	A	G	-0.01	0.05	-0.10, 0.08	0.79	NA	3748
rs16856159	A	G	0.07	0.05	-0.03, 0.16	0.15	0.02	11338

rs16856161	C	T	0.06	0.05	-0.03, 0.16	0.17	0.11	11338
rs16856252	C	T	0.06	0.05	-0.05, 0.17	0.27	0.21	11338
rs16926246	C	T	-0.01	0.07	-0.15, 0.14	0.94	NA	3748
rs17128623	A	G	-0.10	0.08	-0.25, 0.05	0.20	NA	3748
rs17128645	A	G	-0.10	0.06	-0.22, 0.03	0.13	0.00	11338
rs17168486	C	T	-0.02	0.06	-0.14, 0.10	0.77	NA	3748
rs17168570	A	C	0.00	0.06	-0.12, 0.12	0.98	NA	3748
rs17168579	A	G	0.02	0.05	-0.08, 0.12	0.68	NA	3748
rs17189569	G	T	0.09	0.06	-0.03, 0.21	0.15	0.00	11337
rs17390909	C	G	0.05	0.08	-0.10, 0.20	0.50	NA	3748
rs174535	C	T	-0.01	0.05	-0.11, 0.08	0.80	NA	3748
rs174536	A	C	0.01	0.05	-0.08, 0.11	0.82	NA	3748
rs174537	G	T	0.01	0.05	-0.09, 0.11	0.83	NA	3748
rs174541	C	T	-0.01	0.05	-0.11, 0.08	0.78	NA	3748
rs174545	C	G	0.01	0.05	-0.08, 0.11	0.79	NA	3748
rs174546	C	T	0.01	0.05	-0.08, 0.11	0.79	NA	3748
rs174547	C	T	-0.01	0.05	-0.11, 0.08	0.79	NA	3748
rs174549	A	G	-0.02	0.05	-0.12, 0.08	0.71	NA	3748
rs174550	C	T	-0.01	0.05	-0.11, 0.08	0.80	NA	3748
rs174555	C	T	-0.02	0.05	-0.12, 0.08	0.72	NA	3748
rs174556	C	T	0.02	0.05	-0.08, 0.11	0.75	NA	3748
rs174576	A	C	-0.02	0.05	-0.12, 0.07	0.62	0.00	3748
rs174577	A	C	-0.03	0.05	-0.12, 0.07	0.59	NA	3748
rs174583	C	T	0.03	0.05	-0.07, 0.12	0.59	NA	3748
rs17539351	C	T	0.16	0.11	-0.06, 0.37	0.15	NA	3748
rs17540154	A	G	0.03	0.06	-0.08, 0.14	0.62	NA	3748
rs1799884	C	T	-0.06	0.06	-0.18, 0.05	0.28	NA	3748
rs1800562	A	G	-0.01	0.09	-0.19, 0.17	0.90	NA	3748
rs1889746	A	G	-0.09	0.06	-0.21, 0.03	0.12	0.00	11338
rs1974620	C	T	0.02	0.05	-0.08, 0.11	0.76	NA	3748
rs2072114	A	G	0.04	0.07	-0.10, 0.18	0.58	NA	3748
rs2080033	A	G	0.01	0.03	-0.05, 0.07	0.82	0.66	11338
rs2124500	C	T	0.03	0.05	-0.07, 0.14	0.52	NA	3748
rs2166706	C	T	-0.05	0.05	-0.14, 0.04	0.30	NA	3748
rs2189723	C	T	0.05	0.05	-0.04, 0.14	0.29	NA	3748
rs2189725	A	G	0.05	0.05	-0.04, 0.14	0.28	NA	3748
rs2191346	C	G	0.04	0.05	-0.05, 0.13	0.40	NA	3748
rs2191348	G	T	0.02	0.05	-0.07, 0.10	0.74	NA	3748
rs2191349	G	T	0.02	0.05	-0.08, 0.11	0.73	NA	3748
rs2215383	C	T	-0.02	0.05	-0.11, 0.07	0.59	NA	3748
rs2232315	A	G	-0.40	0.24	-0.88, 0.08	0.10	NA	3748
rs2232316	A	G	0.07	0.05	-0.02, 0.16	0.15	0.06	11338
rs2232328	C	G	-0.06	0.05	-0.16, 0.03	0.17	0.14	11338

rs2300584	A	G	-0.02	0.06	-0.13, 0.10	0.78	NA	3747
rs231362	A	G	-0.05	0.03	-0.12, 0.01	0.12	0.00	11338
rs2358070	C	T	0.01	0.05	-0.08, 0.11	0.79	NA	3748
rs2358158	C	T	0.04	0.05	-0.05, 0.13	0.41	NA	3748
rs2358159	C	T	0.03	0.05	-0.06, 0.12	0.45	NA	3748
rs2524299	A	T	0.04	0.07	-0.10, 0.18	0.60	NA	3748
rs2544367	C	T	0.03	0.05	-0.05, 0.12	0.44	NA	3748
rs2685803	A	G	-0.02	0.05	-0.11, 0.07	0.61	NA	3748
rs2685805	A	G	-0.04	0.05	-0.13, 0.05	0.35	NA	3748
rs2685814	C	T	0.04	0.05	-0.05, 0.13	0.36	NA	3748
rs271046	C	T	0.08	0.07	-0.06, 0.23	0.25	NA	3747
rs2727270	C	T	0.03	0.07	-0.11, 0.18	0.66	NA	3747
rs2727271	A	T	0.03	0.07	-0.11, 0.18	0.64	NA	3748
rs2779116	C	T	-0.02	0.05	-0.12, 0.09	0.74	NA	3725
rs2908282	A	G	0.07	0.06	-0.05, 0.19	0.27	NA	3748
rs2908289	A	G	0.07	0.06	-0.05, 0.18	0.28	NA	3748
rs2908290	A	G	0.02	0.03	-0.04, 0.09	0.51	0.53	11338
rs2908292	C	T	-0.01	0.06	-0.12, 0.10	0.89	NA	3748
rs2971669	C	T	-0.11	0.06	-0.23, 0.00	0.04	NA	3748
rs2971671	C	T	0.01	0.06	-0.10, 0.12	0.89	NA	3748
rs2971672	A	C	-0.02	0.03	-0.09, 0.05	0.54	0.48	11338
rs2971674	A	G	-0.01	0.03	-0.07, 0.05	0.82	0.66	11338
rs3736594	A	C	0.03	0.03	-0.04, 0.09	0.43	0.00	11338
rs3755157	C	T	-0.07	0.06	-0.17, 0.04	0.23	0.05	11338
rs3755158	C	G	-0.07	0.06	-0.18, 0.04	0.23	0.04	11338
rs3757840	G	T	0.02	0.05	-0.07, 0.11	0.71	NA	3748
rs3770568	A	C	0.07	0.05	-0.02, 0.16	0.15	0.05	11338
rs3781638	G	T	-0.01	0.05	-0.10, 0.09	0.87	NA	3748
rs3802177	A	G	0.00	0.05	-0.10, 0.10	0.97	NA	3748
rs3821117	C	T	0.06	0.05	-0.03, 0.16	0.17	0.11	11338
rs3821120	C	G	0.04	0.05	-0.06, 0.13	0.45	NA	3748
rs3824065	C	T	0.00	0.05	-0.09, 0.09	0.96	NA	3748
rs3845728	A	T	-0.03	0.18	-0.37, 0.32	0.87	NA	3747
rs3847554	C	T	0.02	0.05	-0.08, 0.11	0.75	0.00	3748
rs4246215	G	T	0.01	0.05	-0.08, 0.11	0.78	NA	3748
rs4287275	C	T	-0.10	0.06	-0.21, 0.02	0.11	0.00	11338
rs4406791	A	C	0.01	0.05	-0.08, 0.10	0.79	NA	3748
rs4457053	A	G	-0.03	0.05	-0.13, 0.07	0.53	NA	3748
rs4543939	A	T	-0.02	0.07	-0.16, 0.12	0.79	NA	3748
rs4548554	A	G	-0.11	0.05	-0.21, 0.00	0.05	0.00	11337
rs4607517	A	G	0.06	0.06	-0.05, 0.18	0.28	NA	3748
rs4611171	G	T	-0.01	0.05	-0.10, 0.08	0.78	NA	3748
rs4719430	C	G	0.05	0.05	-0.04, 0.14	0.32	NA	3748

rs4719433	C	T	-0.02	0.05	-0.11, 0.08	0.73	NA	3748
rs4721400	A	G	0.03	0.05	-0.06, 0.12	0.49	NA	3748
rs472614	A	G	-0.02	0.05	-0.11, 0.07	0.61	NA	3748
rs473351	C	T	0.04	0.05	-0.05, 0.13	0.43	NA	3748
rs4737009	A	G	0.04	0.06	-0.07, 0.15	0.50	NA	3748
rs4753072	A	C	-0.01	0.05	-0.11, 0.08	0.75	NA	3748
rs4753073	A	G	-0.01	0.05	-0.11, 0.08	0.76	NA	3748
rs475612	C	T	0.05	0.05	-0.04, 0.15	0.27	NA	3748
rs477224	C	T	0.07	0.03	0.00, 0.13	0.04	0.00	11338
rs478333	A	G	0.04	0.05	-0.05, 0.13	0.43	NA	3748
rs479682	C	T	0.02	0.05	-0.07, 0.11	0.60	NA	3748
rs480562	A	T	0.02	0.05	-0.06, 0.11	0.59	NA	3748
rs484066	A	T	-0.04	0.05	-0.13, 0.06	0.45	NA	3748
rs486981	A	G	-0.04	0.05	-0.13, 0.06	0.43	NA	3748
rs4918635	C	G	0.11	0.05	0.00, 0.21	0.05	0.00	11337
rs494874	C	T	0.03	0.05	-0.06, 0.13	0.48	NA	3748
rs496550	C	T	0.04	0.05	-0.05, 0.12	0.44	NA	3748
rs497692	C	T	0.03	0.05	-0.06, 0.12	0.53	NA	3748
rs502570	A	G	-0.03	0.05	-0.12, 0.06	0.53	NA	3748
rs503931	A	C	-0.03	0.05	-0.12, 0.06	0.53	NA	3748
rs508506	A	C	-0.03	0.05	-0.13, 0.06	0.48	NA	3748
rs512488	C	T	-0.07	0.03	-0.13, 0.00	0.04	0.00	11338
rs519887	C	T	0.03	0.05	-0.06, 0.12	0.46	NA	3748
rs537183	C	T	-0.02	0.05	-0.11, 0.08	0.72	NA	3748
rs550151	C	G	0.07	0.03	0.01, 0.13	0.02	0.00	11338
rs551754	C	T	-0.03	0.05	-0.12, 0.06	0.53	NA	3748
rs552976	A	G	-0.03	0.05	-0.13, 0.06	0.49	NA	3748
rs557462	C	T	-0.04	0.05	-0.13, 0.06	0.44	NA	3747
rs560887	C	T	0.03	0.05	-0.07, 0.13	0.55	NA	3748
rs563694	A	C	0.02	0.05	-0.07, 0.11	0.67	NA	3748
rs565412	A	G	-0.02	0.05	-0.11, 0.06	0.58	NA	3748
rs567074	C	T	0.04	0.05	-0.05, 0.13	0.36	NA	3748
rs569805	A	T	-0.04	0.05	-0.13, 0.06	0.46	NA	3748
rs573225	A	G	0.01	0.05	-0.09, 0.11	0.85	NA	3748
rs575671	A	G	-0.04	0.05	-0.13, 0.05	0.43	NA	3748
rs579060	G	T	-0.04	0.05	-0.13, 0.06	0.46	NA	3748
rs6461145	A	G	0.03	0.05	-0.07, 0.12	0.59	NA	3748
rs6461149	C	T	-0.04	0.05	-0.13, 0.05	0.43	NA	3748
rs6461153	C	G	-0.03	0.05	-0.12, 0.06	0.50	NA	3748
rs6474359	C	T	-0.08	0.13	-0.33, 0.18	0.55	NA	3748
rs6483213	A	G	0.01	0.05	-0.08, 0.11	0.77	NA	3748
rs6485644	C	T	-0.05	0.05	-0.14, 0.04	0.31	NA	3748
rs6485646	A	G	0.04	0.05	-0.05, 0.13	0.37	NA	3748

rs6547796	C	T	-0.03	0.03	-0.10, 0.03	0.34	0.00	11338
rs6709087	A	G	0.02	0.05	-0.08, 0.13	0.68	NA	3748
rs6947830	A	G	-0.02	0.05	-0.11, 0.08	0.73	NA	3748
rs6960043	C	T	-0.03	0.05	-0.12, 0.06	0.48	NA	3748
rs6962498	C	G	0.04	0.05	-0.05, 0.13	0.41	NA	3748
rs6972333	A	G	-0.02	0.05	-0.13, 0.08	0.64	NA	3748
rs6975024	C	T	0.07	0.06	-0.05, 0.18	0.28	NA	3748
rs6976086	G	T	0.05	0.05	-0.04, 0.14	0.28	NA	3748
rs6976381	C	T	-0.05	0.05	-0.13, 0.04	0.33	NA	3748
rs7071574	A	G	-0.10	0.06	-0.21, 0.02	0.09	0.00	11337
rs7098315	A	G	0.10	0.06	-0.03, 0.22	0.13	0.00	11338
rs7099830	C	T	0.09	0.06	-0.03, 0.21	0.15	0.00	11337
rs7100417	A	G	0.10	0.06	-0.03, 0.22	0.13	0.00	11338
rs7102746	C	T	0.03	0.07	-0.11, 0.17	0.72	NA	3748
rs7105751	A	G	0.05	0.05	-0.04, 0.14	0.31	NA	3748
rs7112505	A	T	-0.06	0.05	-0.15, 0.03	0.21	NA	3748
rs7112766	G	T	0.04	0.05	-0.06, 0.14	0.45	NA	3747
rs7121611	A	T	0.04	0.05	-0.05, 0.13	0.36	NA	3748
rs730497	A	G	0.07	0.06	-0.05, 0.18	0.28	NA	3748
rs7578326	A	G	0.00	0.05	-0.10, 0.09	0.97	NA	3748
rs758989	C	T	-0.01	0.03	-0.07, 0.05	0.83	0.59	11338
rs7606215	A	T	-0.06	0.05	-0.16, 0.03	0.18	0.16	11337
rs7781710	A	T	0.03	0.05	-0.06, 0.12	0.52	NA	3748
rs7784091	A	G	0.05	0.05	-0.04, 0.14	0.31	NA	3748
rs7793213	A	G	0.01	0.03	-0.05, 0.07	0.82	0.67	11338
rs7798124	A	G	0.03	0.05	-0.06, 0.12	0.49	NA	3748
rs780093	C	T	-0.02	0.03	-0.07, 0.03	0.46	0.88	11338
rs7811965	A	T	-0.05	0.05	-0.14, 0.04	0.29	NA	3748
rs7911807	A	C	0.10	0.06	-0.01, 0.21	0.07	0.00	11338
rs7933420	A	T	0.04	0.05	-0.05, 0.13	0.38	0.00	3748
rs7933855	A	G	-0.05	0.05	-0.14, 0.04	0.30	NA	3747
rs7936247	G	T	0.08	0.05	-0.02, 0.17	0.12	NA	3748
rs7944584	A	T	-0.06	0.03	-0.12, 0.01	0.10	0.67	11337
rs7945565	A	G	-0.01	0.05	-0.11, 0.08	0.81	NA	3748
rs7951037	A	G	0.01	0.05	-0.08, 0.11	0.77	NA	3748
rs7957197	A	T	-0.05	0.06	-0.17, 0.07	0.39	NA	3748
rs7998202	A	G	0.11	0.06	-0.02, 0.23	0.10	NA	3748
rs853770	C	T	-0.07	0.03	-0.13, -0.01	0.02	0.00	11337
rs853772	G	T	0.00	0.05	-0.09, 0.10	0.99	NA	3748
rs853773	A	G	-0.03	0.05	-0.13, 0.07	0.60	NA	3748
rs853778	C	T	0.02	0.05	-0.07, 0.11	0.60	NA	3748
rs853779	G	T	-0.02	0.05	-0.11, 0.07	0.67	NA	3748
rs853780	C	G	-0.02	0.05	-0.11, 0.07	0.66	NA	3748

rs853781	A	G	-0.04	0.05	-0.13, 0.05	0.42	NA	3748
rs853783	A	C	-0.02	0.05	-0.11, 0.07	0.65	NA	3748
rs853784	C	T	-0.02	0.05	-0.11, 0.07	0.64	NA	3748
rs853786	A	G	0.04	0.05	-0.05, 0.13	0.38	NA	3748
rs853787	G	T	-0.06	0.05	-0.16, 0.03	0.19	NA	3748
rs853788	C	T	0.04	0.05	-0.05, 0.13	0.37	NA	3748
rs853789	A	G	-0.06	0.05	-0.16, 0.03	0.18	NA	3748
rs855791	A	G	0.00	0.05	-0.09, 0.09	0.99	NA	3748
rs860510	A	C	-0.04	0.05	-0.13, 0.05	0.37	NA	3748
rs862662	A	C	0.06	0.05	-0.03, 0.15	0.22	NA	3748
rs896854	C	T	-0.01	0.03	-0.07, 0.04	0.63	0.41	11338
rs917793	A	T	-0.07	0.06	-0.19, 0.05	0.27	NA	3748
rs929522	C	G	-0.01	0.05	-0.11, 0.08	0.78	NA	3748
rs9639218	C	T	-0.04	0.05	-0.14, 0.05	0.34	NA	3748
rs972283	A	G	0.02	0.06	-0.09, 0.13	0.70	NA	3748
rs9967838	A	C	0.03	0.03	-0.03, 0.10	0.32	0.00	11338
rs5945326	A	G	0.04	0.04	-0.04, 0.11	0.35	NA	3745



**Supplementary Table 2:**

**Association of 50 independent SNPs, genome-wide significant for type 2 diabetes or related glycemic traits, with risk of prostate cancer using association evidence from a meta-analysis of PRACTICAL and CRUK data.**

SNP	Genetic effect (beta) of SNP associated with glycemic trait <sup>a</sup>	P-value of SNP associated with glycemic trait	Genetic effect (beta) of SNP associated with prostate cancer risk <sup>b</sup>	P-value of SNP associated with prostate cancer risk	Source of SNP data <sup>c</sup>	Glycemic trait
rs11634397	0.058	2.40E-09	-0.019	0.747	CR	Type 2 Diabetes
rs13292136	0.104	2.80E-08	0.042	0.524	CR	Type 2 Diabetes
rs1387153	0.086	7.80E-15	0.062	0.218	CR	Type 2 Diabetes
rs1531343	0.095	3.60E-09	-0.010	0.898	CR	Type 2 Diabetes
rs1552224	0.131	1.40E-22	0.014	0.824	CR	Type 2 Diabetes
rs231362	0.077	2.80E-13	-0.052	0.124	CR	Type 2 Diabetes
rs243021	0.077	2.90E-15	0.000	0.986	CR+PR	Type 2 Diabetes
rs4457053	0.077	2.80E-12	-0.032	0.528	CR	Type 2 Diabetes
rs5945326	0.239	3.00E-10	0.036	0.352	CR	Type 2 Diabetes
rs7578326	0.104	5.40E-20	-0.002	0.971	CR	Type 2 Diabetes
rs7957197	0.068	2.40E-08	-0.051	0.391	CR	Type 2 Diabetes
rs8042680	0.068	2.40E-10	-0.005	0.709	CR+PR	Type 2 Diabetes
rs896854	0.058	9.90E-10	-0.014	0.628	CR	Type 2 Diabetes
rs972283	0.068	2.20E-10	0.022	0.697	CR	Type 2 Diabetes
rs10497348	0.067	9.82E-13	-0.051	0.646	CR	Fasting Glycemia
rs10885119	-0.071	5.43E-09	0.057	0.028	CR+PR	Fasting Glycemia
rs11039182	0.025	3.36E-09	-0.059	0.083	CR	Fasting Glycemia
rs11717195	0.029	1.11E-09	0.031	0.563	CR	Fasting Glycemia
rs11558471	0.027	2.62E-11	-0.006	0.903	CR	Fasting Glycemia
rs10830963	-0.079	1.26E-68	-0.056	0.320	CR	Fasting Glycemia
rs10276674	-0.036	1.75E-12	0.031	0.610	CR	Fasting Glycemia
rs17390909	0.037	3.40E-08	0.051	0.503	CR	Fasting Glycemia
rs2971669	0.061	2.61E-36	0.114	0.044	CR	Fasting Glycemia
rs174541	0.022	1.61E-08	0.014	0.775	CR	Fasting Glycemia
rs1260326	-0.027	4.25E-13	-0.020	0.135	CR+PR	Fasting Glycemia
rs3845728	-0.088	1.43E-10	0.029	0.869	CR	Fasting Glycemia
rs853773	-0.061	4.84E-51	0.026	0.603	CR	Fasting Glycemia
rs560887	-0.075	4.61E-75	0.030	0.548	CR	Fasting Glycemia
rs6709087	-0.064	1.32E-37	-0.022	0.684	CR	Fasting Glycemia
rs10258074	-0.031	9.25E-17	-0.018	0.705	CR	Fasting Glycemia
rs12805422	-0.023	1.18E-09	-0.059	0.210	CR	Fasting Glycemia
rs4506565	-0.023	1.24E-08	0.025	0.110	CR+PR	Fasting Glycemia
rs1046896	0.035	1.57E-26	-0.021	0.668	CR	HbA <sub>1c</sub>

rs1387153	0.028	3.96E-11	-0.062	0.218	CR	HbA <sub>1c</sub>
rs16926246	0.089	3.11E-54	-0.005	0.942	CR	HbA <sub>1c</sub>
rs1799884	0.038	1.45E-20	0.065	0.283	CR	HbA <sub>1c</sub>
rs1800562	0.063	2.59E-20	0.055	0.447	CR	HbA <sub>1c</sub>
rs2779116	0.024	2.75E-09	0.017	0.743	CR	HbA <sub>1c</sub>
rs4737009	0.027	6.11E-12	0.040	0.497	CR	HbA <sub>1c</sub>
rs552976	0.047	8.16E-18	0.033	0.492	CR	HbA <sub>1c</sub>
rs6474359	0.058	1.18E-08	0.078	0.548	CR	HbA <sub>1c</sub>
rs7998202	0.031	5.24E-09	-0.107	0.097	CR	HbA <sub>1c</sub>
rs855791	0.027	2.74E-14	0.000	0.995	CR	HbA <sub>1c</sub>
rs1260326	0.400	7.05E-11	0.020	0.135	CR+PR	2 Hr OGTT
rs12243326	-0.080	4.23E-10	0.017	0.313	CR+PR	2 Hr OGTT
rs2877716	-0.090	5.85E-08	0.002	0.894	CR	2 Hr OGTT
rs10830963	0.039	8.60E-23	0.056	0.320	CR	HOMA-B
rs560887	0.040	7.67E-29	-0.030	0.548	CR	HOMA-B
rs10258074	0.022	2.99E-11	0.018	0.705	CR	HOMA-B
rs2971669	-0.026	4.84E-09	-0.114	0.044	CR	HOMA-B

<sup>a</sup>Type 2 diabetes genotype data were obtained from the DIAGRAM consortium (2). Fasting glucose, HbA<sub>1c</sub>, 2hr OGTT and HOMA-B genotypic data were obtained from MAGIC consortium. HbA<sub>1c</sub> genotypic data were obtained from Soranzo et al. (3).

<sup>b</sup>The beta effect and p-values associated with risk of prostate cancer for each SNP were obtained from a meta-analysis of PRACTICAL and CRUK data.

<sup>c</sup>CR denotes that the SNP data was available only from the CRUK cohort alone. CR+PR denotes that the SNP data was available from CRUK and PRACTICAL.