

Supplementary Table 1. List of the previously identified 100 independent prostate cancer susceptibility SNPs

SNP	CHR	BP	Nearby gene(s)	Measured in UK GWAS	Measured in iCOGS
rs636291	1p35	10556097	PEX14		
rs17599629	1q21	150658287	GOLPH3L		
rs1218582	1q21	154834183	KCNN3		Y
rs4245739	1q32	204518842	MDM4,PIK3C2B		Y
rs1775148	1q32	205757824	SLC41A1		
rs11902236	2p25	10117868	TAF1B:GRHL1		Y
rs9287719	2p25	10710730	NOL10		
rs13385191	2p24	20888265	C2orf43	Y	
rs1465618	2p21	43553949	THADA	Y	Y
rs721048	2p15	63131731	EHBP1	Y	Y
rs10187424	2p11	85794297	GGCX/VAMP8	Y	
rs12621278	2q31	173311553	ITGA6	Y	Y
rs2292884	2q37	238443226	MLPH	Y	Y
rs3771570	2q37	242382864	FARP2	Y	Y
rs2660753	3p12	87110674	Unknown	Y	Y
rs2055109	3p11	87467332	Unknown	Y	
rs7611694	3q13	113275624	SIDT1	Y	Y
rs10934853	3q21	128038373	EEFSEC	Y	Y
rs6763931	3q23	141102833	ZBTB38	Y	Y
rs10936632	3q26	170130102	CLDN11/SKIL		
rs10009409	4q13	73855253	COX18	Y	
rs1894292	4q13	74349158	AFM, RASSF6	Y	Y
rs12500426	4q22	95514609	PDLIM5	Y	Y
rs17021918	4q22	95562877	PDLIM5		Y
rs7679673	4q24	106061534	TET2	Y	Y
rs2242652	5p15	1280028	TERT		
rs12653946	5p15	1895829	IRX4	Y	Y
rs2121875	5p12	44365545	FGF10	Y	
rs6869841	5q35	172939426	FAM44B (BOD1)		Y
rs4713266	6p24	11219030	NEDD9	Y	Y
rs115457135	6p22	30073776	TRIM31		
rs130067	6p21	31118511	CCHCR1	Y	Y
rs3096702	6p21	32192331	NOTCH4		
rs115306967	6p21	32400939	HLA-DRB6		
rs1983891	6p21	41536427	FOXP4	Y	Y
rs9443189	6q14	76495882	MYO6	Y	Y
rs2273669	6p21	109285189	ARMC2, SESN1	Y	Y
rs339331	6q22	117210052	RFX6	Y	
rs1933488	6q25	153441079	RSG17	Y	Y
rs9364554	6q25	160833664	SLC22A3	Y	Y
rs12155172	7p21	20994491	SP8	Y	Y
rs10486567	7p15	27976563	JAZF1	Y	Y
rs56232506	7p12	47437244	TNS3	Y	Y
rs6465657	7q21	97816327	LMTK2	Y	Y
rs2928679	8p21	23438975	SLC25A37	Y	Y
rs1512268	8p21	23526463	NKX3.1	Y	Y
rs11135910	8p21	25892142	EBF2	Y	Y
rs12543663	8q24	127924659	Unknown	Y	Y
rs10086908	8q24	128011937	Unknown	Y	Y
rs16901979	8q24	128124916	Unknown	Y	
rs620861	8q24	128335673	Unknown	Y	Y
rs6983267	8q24	128413305	Unknown	Y	Y

rs1447295	8q24	128485038	Unknown	Y	Y
rs17694493	9p21	22041998	CDKN2B-AS1		Y
rs817826	9q31	110156300	RAD23B-KLF4	Y	
rs1571801	9q33	124427373	DAB21P	Y	Y
rs76934034	10q11	46082985	MARCH8		
rs10993994	10q11	51549496	MSMB	Y	Y
rs3850699	10q24	104414221	TRIM8	Y	Y
rs2252004	10q26	122844709	Unknown	Y	Y
rs4962416	10q26	126696872	CTBP2	Y	Y
rs7127900	11p15	2233574	Unknown	Y	Y
rs1938781	11q12	58915110	FAM111A	Y	
rs7931342	11q13	68994497	Unknown	Y	Y
rs11568818	11q22	102401661	MMP7	Y	Y
rs11214775	11q23	113807181	HTR3B		
rs80130819	12q13	48419618	RP1-228P16.4	Y	Y
rs10875943	12q13	49676010	TUBA1C/PRPH	Y	Y
rs902774	12q13	53273904	KRT8	Y	Y
rs1270884	12q24	114685571	TBX5		Y
rs9600079	13q22	73728139	Unknown	Y	
rs8008270	14q22	53372330	FERMT2	Y	Y
rs7153648	14q23	61122526	SIX1		
rs7141529	14q24	69126744	RAD51L1	Y	Y
rs8014671	14q24	71092256	TTC9	Y	
rs12051443	16q22	71691329	PHLPP2		
rs684232	17p13	618965	VPS53, FAM57A		Y
rs11649743	17q12	36074979	HNF1B	Y	Y
rs4430796	17q12	36098040	HNF1B		
rs11650494	17q21	47345186	SPOP, HOXB13		Y
rs7210100	17q21	47436749	ZNF652		
rs1859962	17q24	69108753	Unknown	Y	Y
rs7241993	18q23	76773973	SALL3		Y
rs8102476	19q13	38735613	Unknown	Y	Y
rs11672691	19q13	41985587	Unknown		Y
rs2735839	19q13	51364623	KLK2/KLK3	Y	Y
rs103294	19q13	54797848	LILRA3	Y	Y
rs12480328	20q13	49527922	ADNP	Y	Y
rs2427345	20q13	61015611	GATAS, CABLES2	Y	Y
rs6062509	20q13	62362563	ZGPAT		Y
rs1041449	21q22	42901421	TMPRSS2		Y
rs2238776	22q11	19757892	TBX1		
rs58133635	22q13	40471188	TNRC6B		
rs5759167	22q13	43500212	BIL/TLL1	Y	
rs2405942	Xp22	9814135	SHROOM2	Y	Y
rs5945619	Xp11	51241672	NUDT11	Y	Y
rs2807031	Xp11	52896949	XAGE3		
rs5919432	Xq12	67021550	AR	Y	Y
rs6625711	Xq13	70139850	SLC7A		
rs4844289	Xq13	70407983	NLGN3-BCYRN1		