

Supplementary Table 1. Summary of GWAS studies included in the telomere structure and maintenance genes meta-analysis

Consortium	Study Name	Study Acronym	Location	Study Design	Case (N)	Control (N)	Genotyping platform
Colorectal-	Association Study Evaluating RISK for Sporadic Colorectal Cancer	ASTERISK	France	Hospital Case-Control	948	947	Illumina 300K
GECCO	Darmkrebs: Chancen der Verhütung durch Screening	DACHS	Germany	Population Case-Control	2376	2206	Illumina 300K, 730K
	Diet, Activity and Lifestyle Study	DALS	USA	Population Case-Control	1116	1174	Illumina 300K, 550K, 610K
	Health Professionals Follow-up Study	HPFS	USA	Cohort	403	402	Illumina 730K
	Nurses' Health Study	NHS	USA	Cohort	553	955	Illumina 730K
	Ontario Familial Colorectal Cancer Registry	OFCCR	Canada	Population Case-Control	650	522	Affymetrix 100K, 500K
	Physicians' Health Study	PHS	USA	Cohort	382	389	Illumina 730K
	Postmenopausal Hormone Study	PMH	USA	Population Case-Control	280	122	Illumina 300K
	Prostate, Lung, Colorectal and Ovarian Cancer Screening Trial	PLCO	USA	Cohort	1019	2391	Illumina 300K/240S, 300K, 610K
	VITamins And Lifestyle	VITAL	USA	Cohort	285	288	Illumina 300K
	Women's Health Initiative	WHI	USA	Cohort	1476	2538	Illumina 300K, 550K, 550Kduo, 610K
	Health Professionals Follow-up Study, Adenoma Set	HPFS Ad	USA	Cohort	313	345	Illumina 730K
	Nurses' Health Study, Adenoma Set	NHS Ad	USA	Cohort	513	578	Illumina 730K
Colorectal-	Molecular Epidemiology of Colorectal Cancer Study	MECC	USA	Population Case-Control	1120	820	Affymetrix Axiom
CORECT	Colorectal Cancer Family Registry	CCFR	USA	Cohort	1660	1393	Affymetrix Axiom
	Kentucky Study	KY	USA	Population Case-Control	1038	1134	Affymetrix Axiom
	American Cancer Society Cancer Prevention Study II	ACS/CPS-II	USA	Cohort	548	538	Affymetrix Axiom
	Melbourne Case-Control Study	Melbourne	Australia	Nested Case-Control (in Melbourne Collaborative Cohort)	539	469	Affymetrix Axiom
	Newfoundland Case-Control Study	NF	Newfoundland	Population Case-Control	195	477	Affymetrix Axiom
Breast-	Australian Breast Cancer Family Study	ABCFS ^a	Australia	Population Case-Control	282	285	Illumina 610K
DRIVE	Dutch Familial Bilateral Breast Cancer Study	DFBBS ^a	Netherlands	Hospital Case-Control	464	3255	Illumina 550K, 610K
	Helsinki Breast Cancer Study	HEBCS ^a	Finland	Hospital Case-Control (plus additional familial cases)	726	1012	Illumina 370K, 550K, 610K
	British Breast Cancer Study	BBCS ^a	United Kingdom	Population, Familial Case-Control	1609	1224	Illumina 370K, 1.2M
	German Consortium for Hereditary Breast and Ovarian Cancer	GC-HBOC ^a	Germany	Population Case-Control	634	477	Affymetrix GeneChip 5.0K, 6.0K
	UK Familial Breast Cancer Study	UK2 ^a	United Kingdom	Population Case-Control	3628	2663	Illumina 670K, 1.2M
	Singapore and Sweden Breast Cancer Study	SASBAC ^a	Sweden	Population Case-Control	790	756	Illumina 240K, 317K, 550K
	Mammary Carcinoma Risk Factor Investigation	MARIE ^a	Germany	Population Case-Control	652	470	Illumina 370K, 550K
	Breast and Prostate Cancer Cohort Consortium	BPC3 ^b	USA, Europe	Cohort, Population Case-Control	1998	2305	Illumina 550K, 610K, 660K
	Breast Cancer Family Registry	BCFR	USA, Australia	Cohort	3486	2457	Illumina 610K + Cyto 12
	Triple Negative Breast Cancer Consortium	TN-GWAS ^c	USA, Europe, Australia	Cohort, Mixed Case-Control	1479	3180	Illumina 370K, 550K, 660K 1.2M
Prostate-	Breast and Prostate Cancer Cohort Consortium	BPC3 ^d	USA	Cohort	2068	3011	Illumina 610K
ELLIPSE	United Kingdom Genome Wide Association Study 1	UKGWAS1	United Kingdom	Case-Control	1854	1894	Illumina 550K
	United Kingdom Genome Wide Association Study 2	UKGWAS2	United Kingdom	Case-Control	3706	3884	Illumina iSELECT
	Prostate Cancer Genetic Association Study of Uncommon Susceptibility Loci	PEGASUS	USA	Nested Case-Control (in PLCO)	4600	2941	Illumina 2.5M
	Cancer of Prostate in Sweden Study 1	CAPS1	Sweden	Population Case-Control	474	482	Affymetrix GeneChip 5.0K
	Cancer of Prostate in Sweden Study 2	CAPS2	Sweden	Population Case-Control	1458	512	Affymetrix GeneChip 5.0K
Ovarian-	United Kingdom Genome Wide Association Study (1 and 2)	UKGWAS ^e	United Kingdom	Mixed Case-Control	1763	6118	Illumina 670K
FOCI	United States Genome Wide Association Study	USGWAS ^f	USA, Canada, Poland	Mixed Case-Control	2165	2564	Illumina 317K, 370K, 550K, 610K
	Mayo Clinic Ovarian Cancer Study	MAYO	USA	Clinic-Based	441	441	Illumina 2.5M
Lung-	MD Anderson Cancer Center Lung Cancer Study	MDACC	Texas USA	Hospital Case-Control	1150	1134	Illumina 317K
TRICL	Institute for Cancer Research Lung Cancer Study	ICR	United Kingdom	Hospital Case-Control	1952	5200	Illumina 550K, 1.2M
	Toronto/Samuel Lunenfeld Research Institute Study	Toronto/SLRI	Toronto	Hospital Case-Control	331	499	Illumina 317K
	International Agency for Research on Cancer Genome Wide Association Study	IARC-GWAS ^g	Europe, USA	Cohort, Mixed Case-Control	2533	3791	Illumina 317K, 370Kduo
	Helmholtz-Gemeinschaft Deutscher Forschungszentren Lung Cancer Study	HGF	Germany	Population Case-Control	481	478	Illumina 550K
	National Cancer Institute Lung Cancer Genome Wide Association Study	NCI-GWAS ^h	USA, Europe	Population Case-Control, Cohort	5713	5736	Illumina 550K, 610Kduo

Abbreviations: CORECT- ColoRectal Transdisciplinary Study; DRIVE- Discovery, Biology, and Risk of Inherited Variants in Breast Cancer; ELLIPSE- Elucidating Loci Involved in Prostate Cancer Susceptibility; FOCI- Follow-up of Ovarian Cancer Genetic Association and Interaction Studies; N- number; ref- reference; TRICL- Transdisciplinary Research in Cancer of the Lung.

^a These studies are apart of the Breast Cancer Association Consortium Combined GWAS (C-BCAC)

^b Includes the following studies: CPS-II, European Prospective Investigation into Cancer and Nutrition (EPIC; Europe), MEC, Multiethnic Cohort (MEC; USA), NHS (subset), NHS II, PLCO and Polish Breast Cancer Study (PBCS; Poland).

^c Includes the following studies: Australian Breast Cancer Tissue Bank (ABCTB; Australia), Bavarian Breast Cancer Cases and Controls (BBCC; Germany), Cancer Genetic Markers of Susceptibility (CGEMS; USA), Harvard Breast Cancer SPORE Blood Repository (DFCI; USA), Fox Chase Cancer Center (FCCC; USA), Gene Environment Interaction and Breast Cancer in Germany (GENICA; Germany), HEBCS, Cooperative Health Research in the Region of Augsburg (KORA; Germany), MARIE, Mayo Clinic Breast Cancer Study (MCBCS; USA), Melbourne Collaborative Cohort Study (MCCS; Australia), Prospective Study of Outcomes in Sporadic Versus Hereditary Breast Cancer (POSH; United Kingdom); Australian Twin Cohort Study from the Queensland Institute of Medical Research (QIMR; Australia), Sheffield Breast Cancer Study (SBCS; United Kingdom) and Welcome Trust Case Control Consortium (WTCC; United Kingdom).

^d Includes the following studies: Alpha-Tocopherol, Beta-Carotene Cancer Prevention Study (ATBC; Finland), CPS-II, EPIC, HPFS, MEC and PHS.

^e Includes the following studies: United Kingdom Ovarian Cancer Population Study (UKO; United Kingdom), United Kingdom Familial Ovarian Cancer Registry (UKR; United Kingdom), Royal Marsden Hospital Ovarian Cancer Study (RMH; United Kingdom), Study of Epidemiology and Risk Factors in Cancer Heredity (SEA; United Kingdom) and WTCC.

^f Includes the following studies: Brigham Woman's Hospital Study (BWH; USA), Mayo Clinic Ovarian Cancer Study (MAY; USA), North Carolina Ovarian Cancer Study (NCO; USA), Polish Ovarian Cancer Study (POL; Poland), Tampa Bay Moffitt Ovarian Cancer Study (TBO; USA) and Toronto Familial Ovarian Tumor Study (TOR; Canada).

^a Includes the following studies: Carotene and Retinol Efficacy Trial Cohort (CARET; USA), Central European Multicenter Hospital-Based Case-Control Cancer Study (Europe), Estonia Hospital-Based Case-Control Lung Cancer Study (Estonia), the Hospital-Based Case-Control Study in France (France), and the population-based North Trondelag Health Study 2/Tromsø IV (HUNT2/Tromsø; Norway).

^b Includes the following studies: ATBC, CPS-II, Environmental And Genetics in Lung Cancer Etiology Study (EAGLE; Italy), and PLCO.

Supplementary Table 2. Information on genotyping methods, quality control, and imputation by consortium

Cancer- CONSORTIUM	Sample QC		Genotyping Inclusion				Imputation	
	Call Rate for Inclusion	Exclusions	Genotyping Platform	SNP Call Rate	MAF	P-value for HWE	Software	SNP Inclusion Criteria
Colorectal-GECCO	≥98%	a-d, f	Illumina 300/240S, 300K, 550K, 610K, 730K; Affymetrix 100K, 500K	≥98%	≥0.10 or ≥0.05 (PLCO, WHI, DAL5, OFCCR)	>1x10 ⁻⁴ in controls	Minimac	r ² >0.3 if MAF >0.01, r ² ≥0.5 if MAF 0.005-0.01, r ² ≥0.99 if MAF <0.005
Colorectal-CORECT	≥95%	a, b, d, f	Affymetrix Axiom	≥95%	≥0.01	>1x10 ⁻⁴ in controls	IMPUTE2.0	Info >0.7, certainty >0.9, concordance >0.9
Breast- DRIVE	≥95% (BPC3, BCAC), ≥98% (TN-GWAS)	a (TNGWAS, BPC3), b, c (BCAC, BPC3), d (TNGWAS, BPC3), g (BCAC, BPC3)	Illumina 240K/317K/370K/550K/610K/610K +Cyto12/660K/670K/1.2M; Affymetrix 5.0/6.0	≥95% or ≥99% and MAF ≥0.05 (BCAC), ≥95% or MAF ≥0.05% (TNGWAS), ≥95% (BPC3)	≥0.01 or >0.05 and ≥99% SNP call rate (BCAC), ≥0.05 or ≥95% SNP call rate (TNGWAS), ≥0.05 (BPC3)	≥1x10 ⁻⁶ in controls and ≥1x10 ⁻¹² in cases (BCAC), >1x10 ⁻⁷ in controls (TN-GWAS); ≥1x10 ⁻⁵ in controls (BPC3)	MACH1.0	r ² >0.3
Prostate- ELLIPSE	≥94% (Pegasus), ≥95% (CAPS, BPC3), ≥97% (UKGWAS)	a (UKGWAS, CAPS), b, c (except Pegasus), d (except BPC3), e (except Pegasus), g, h	Illumina 550K/610K/2.5M/iSELECT; Affymetrix GeneChip 5.0	>90% (Pegasus), >95% (UKGWAS, CAPS, BPC3)	≥0.001 (Pegasus), ≥0.01 (UKGWAS, CAPS, BPC3)	≥1x10 ⁻⁵ (UKGWAS, BPC3), ≥1x10 ⁻⁶ (CAPS, Pegasus)	IMPUTE2.0 (UKGWAS, CAPS, Pegasus), Minimac (BPC3, some Pegasus)	Info >0.3 (IMPUTE2.0), r ² ≥0.3 (Minimac)
Ovarian- FOCI	≥95% (USGWAS)	a-d, g, i	Illumina 317K/370K/550K/610K/670K/2.5M	≥95% and MAF ≤0.05 or ≥99% and MAF ≥0.05	≥0.03	≥1x10 ⁻⁷	MACH1.0 (USGWAS), IMPUTE and fastPHASE (UKGWAS)	r ² >0.3
Lung- TRICL	Average ≥90%	a-d, j	Illumina 317K/370K/550K/610K	≥95% ^k	n/a ^l	≥1x10 ⁻⁶ (ICR, SLRI) ^k , ≥1x10 ⁻⁷ (IARC, NCI) ^k	IMPUTE2.0 (ICR, SLRI, NCI), MACH1.0 (MDACC), Minimac (IARC)	Info >0.3 (IMPUTE2.0), r ² ≥0.3 (MACH1.0, Minimac)

Abbreviations: HWE- Hardy-Weinberg equilibrium; Info- information score; MAF, minor allele frequency; n/a- not applicable; PC- principal components; QC- quality control; SNP- single nucleotide polymorphism

Sample QC exclusions included: ^a sex discordance, mismatch or ambiguous; ^b Non-European ancestry; ^c heterozygosity; ^d unexpected or false duplicates; ^e cryptic duplicates; ^f low or unanticipated genotype concordance; ^g related samples; ^h ancestry outliers; ⁱ conversion rate <95%; ^j outliers based on PC.

^k No additional quality control before imputation was performed for MDACC

^l Criteria for SLRI study only MAF < 1x10⁻⁶

Supplementary Table 3. Telomere structure and maintenance genes included in analysis

Gene	Name	Chromosomal Location	Region ^a	Alias	Number of SNPs Examined	Effective Number of Independent Tests (M_e) ^b	Significance Level ^c
<i>DCLRE1B</i>	DNA cross-link repair 1B	1p13.2	114447915..114456708	APOLLO, SNM1B, SNM1B	6,603	1,889	2.65E-05
<i>ACYP2</i>	acylphosphatase 2, muscle type	2p16.2	54342410..54532435	ACYM, ACYP	10,630	3,126	1.60E-05
<i>TERC</i>	telomerase RNA component	3q26	169482398..169482848, complement	DKCA1, PFBMFT2, SCARNA19, TR, TRC3, hTR	7,523	2,038	2.45E-05
<i>GAR1</i>	GAR1 ribonucleoprotein	4q25	110737309..110745893	NOLA1	7,851	2,053	2.44E-05
<i>NAF1</i>	nuclear assembly factor 1 ribonucleoprotein	4q32.2	164047860..164088073, complement	---	9,215	2,183	2.29E-05
<i>TERT</i> ^d	telomerase reverse transcriptase	5p15.33	1253282..1295178, complement	CMM9, DKCA2, DKCB4, EST2, PFBMFT1, TCS1, TP2, TRT, hEST2, hTRT	12,109 ^d	3,790	1.32E-05
<i>CLPTMIL</i> ^d	CLPTM1-like	5p15.33	1317869..1345180, complement	---	12,109 ^d	3,790	1.32E-05
<i>NHP2</i>	NHP2 ribonucleoprotein	5q35.3	177576465..177580961, complement	DKCB2, NHP2, NOLA2	8,760	2,453	2.04E-05
<i>POT1</i>	protection of telomeres 1	7q31.33	124462440..124569856, complement	CMM10, HPOT1	8,718	1,702	2.94E-05
<i>TERF1</i>	telomeric repeat binding factor (NIMA-interacting) 1	8q21.11	73921097..73959987	PIN2, TRBF1, TRF, TRF1, hTRF1-AS, t-TRF1	8,368	2,364	2.12E-05
<i>PINX1</i> ^e	PIN2/TERF1 interacting, telomerase inhibitor 1	8p23	10622884..10697299, complement	LPTL, LPTS	19,977 ^e	6,012	8.32E-06
<i>TNKS</i> ^e	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase	8p23.1	9432558..9639856	ARTD5, PARP-5a, PARP5A, PARPL, TIN1, TINF11, pART5	19,977 ^e	6,012	8.32E-06

<i>OBFC1</i>	oligonucleotide/oligosaccharide-binding fold containing 1	10q24.33	105637318..105678045, complement	AAF-44, AAF44, bA541N10.2, RPA-32, STN1	7,064	1,917	2.61E-05
<i>BICD1</i>	bicaudal D homolog 1	12p11.2-p11.1	32260185..32531141	BICD	12,000	2,752	1.82E-05
<i>TEP1</i>	telomerase-associated protein 1	14q11.2	20839648..20850515, complement	TLP1, TP1, TROVE1, VAULT2, p240	8,541	2,834	1.76E-05
<i>TINF2</i>	TERF1 (TRF1)-interacting nuclear factor 2	14q12	24708851..24711880, complement	DKCA3, TIN2	8,283	2,337	2.14E-05
<i>NOP10</i>	NOP10 ribonucleoprotein	15q14-q15	34633917..34635362, complement	DKCB1, NOLA3, NOP10P	9,202	2,557	1.96E-05
<i>ACD</i>	adrenocortical dysplasia homolog	16q22.1	67691889..67694718, complement	PIP1, PTOP, TINT1, TPP1	5,132	2,529	1.98E-05
<i>TERF2</i>	telomeric repeat binding factor 2	16q22.1	69404112..69419891, complement	TRBF2, TRF2	5,610	1,622	3.08E-05
<i>TERF2IP</i>	telomeric repeat binding factor 2, interacting protein	16q23.1	75681635..75691341	DRIP5, RAP1	9,355	2,672	1.87E-05
<i>MPHOSPH6</i>	M-phase phosphoprotein 6	16q23.3	82181767..82203829, complement	MPP, MPP-6, MPP6	14,049	4,660	1.07E-05
<i>PIK3C3</i>	phosphatidylinositol 3-kinase, catalytic subunit type 3	18q12.3	39535199..39661446	VPS34, hVps34	8,059	1,992	2.51E-05
<i>ZNF208</i>	zinc finger protein 208	19p12	22148897..22193745, complement	PMIDP, ZNF95	9,567	1,675	2.99E-05
<i>RTEL1</i>	regulator of telomere elongation helicase 1	20q13.3	62289163..62328544	C20orf41, DKCA4, DKCB5, NHL, RTEL	8,377	2,681	1.86E-05

^aSNPs one mega-base upstream and downstream of the listed regions were examined.

^bThe effective number of independent tests (M_e) is calculated for each gene using the Genetic type 1 Error Calculator (GEC) developed by Li et al.

^cFor each gene the P-value threshold required to keep type I error at 5% was calculated by dividing alpha by M_e .

^dGenes *TERT* and *CLPTMIL* are examined together.

^eGenes *TNKS* and *PINX1* are examined together.

Supplementary Table 4. Overlapping cases and controls across the different cancer types and subtypes

Cancer Type Subtype	Colorectal		Breast		Prostate		Ovarian			Lung		
	GECCO	CORECT	All	ER-negative	All	Aggressive	All	Endometrioid	Serous	All	Adenocarcinoma	Squamous
CASES												
Colorectal (GECCO)	10314	0	0	0	0	0	0	0	0	0	0	0
Colorectal (CORECT)	0	5100	0	0	0	0	0	0	0	0	0	0
Breast	0	0	15748	4939	0	0	0	0	0	0	0	0
Breast ER-negative	0	0	4939	4939	0	0	0	0	0	0	0	0
Prostate	0	0	0	0	14160	4450	0	0	0	0	0	0
Prostate Aggressive	0	0	0	0	4450	4450	0	0	0	0	0	0
Ovarian	0	0	0	0	0	0	4369	715	2556	0	0	0
Ovarian Endometrioid	0	0	0	0	0	0	715	715	0	0	0	0
Ovarian Serous	0	0	0	0	0	0	2556	0	2556	0	0	0
Lung	0	0	0	0	0	0	0	0	0	12160	3718	3422
Lung Adenocarcinoma	0	0	0	0	0	0	0	0	0	3718	3718	0
Lung Squamous	0	0	0	0	0	0	0	0	0	3422	0	3422
CONTROLS												
Colorectal (GECCO)	12857	0	0	0	1101	1101	0	0	0	1817	1817	1817
Colorectal (CORECT)	0	4831	0	0	0	0	0	0	0	0	0	0
Breast	0	0	18084	13128	0	0	2663	2663	2663	3003	3003	3003
Breast ER-negative	0	0	13128	13128	0	0	2663	2663	2663	3003	3003	3003
Prostate	1101	0	0	0	12724	12724	0	0	0	2000	2000	2000
Prostate Aggressive	1101	0	0	0	12724	12724	0	0	0	2000	2000	2000
Ovarian	0	0	2663	2663	0	0	9123	9123	9123	5200	5200	5200
Ovarian Endometrioid	0	0	2663	2663	0	0	9123	9123	9123	5200	5200	5200
Ovarian Serous	0	0	2663	2663	0	0	9123	9123	9123	5200	5200	5200
Lung	1817	0	3003	3003	2000	2000	5200	5200	5200	16838	15871	16015
Lung Adenocarcinoma	1817	0	3003	3003	2000	2000	5200	5200	5200	15871	15871	15871
Lung Squamous	1817	0	3003	3003	2000	2000	5200	5200	5200	16015	15871	16015

Supplementary Table 5. Unconditional ASSET two-sided meta-analysis results across five cancer types for SNPs with P-values below gene-specific P-value thresholds

Gene (Chr.)	SNP	Position	Ref.:Effect Alleles	Effect Allele Frequency	Combined P-value	Positively Associated		Inversely Associated		Cancer type	
						OR (95% CI)	P-value	OR (95% CI)	P-value	Positively Associated	Inversely Associated
<i>DCLRE1B</i> (Chr. 1)											
	rs7514649	114079822	G : A	0.144	1.67E-04			0.92 (0.88-0.95)	1.66E-05 ^a		Colorectal, Prostate
	rs17461918	114081444	A : G	0.143	9.40E-05			0.92 (0.88-0.95)	8.85E-06 ^a		Colorectal, Prostate
	rs17508449	114085145	C : T	0.143	1.03E-04			0.92 (0.88-0.95)	9.66E-06 ^a		Colorectal, Prostate
	rs79381435	114085676	G : A	0.145	1.04E-04			0.92 (0.88-0.95)	9.89E-06 ^a		Colorectal, Prostate
	rs4839327	114096499	C : T	0.139	8.84E-05			0.91 (0.88-0.95)	8.53E-06 ^a		Colorectal, Prostate
	rs114207498	114104354	C : A	0.140	5.58E-05			0.91 (0.88-0.95)	6.63E-06 ^a		Colorectal, Prostate
	rs75926636	114104765	C : T	0.141	9.59E-05			0.92 (0.88-0.95)	1.22E-05 ^a		Colorectal, Prostate
	rs150091562	114113597	C : T	0.135	1.16E-04			0.92 (0.88-0.95)	1.15E-05 ^a		Colorectal, Prostate
	rs75159321	114114947	T : A	0.141	1.12E-04			0.92 (0.88-0.95)	1.37E-05 ^a		Colorectal, Prostate
	rs76752412	114115827	G : A	0.140	1.25E-04			0.92 (0.88-0.95)	1.49E-05 ^a		Colorectal, Prostate
	rs147962667	114116029	T : C	0.141	1.35E-04			0.92 (0.88-0.95)	1.68E-05 ^a		Colorectal, Prostate
	rs116480529	114116744	C : A	0.141	1.10E-04			0.92 (0.88-0.95)	1.34E-05 ^a		Colorectal, Prostate
	rs113081027	114118802	C : G	0.140	4.41E-05			0.91 (0.88-0.95)	5.00E-06 ^a		Colorectal, Prostate
	rs75419513	114132796	A : T	0.139	4.41E-05			0.91 (0.88-0.95)	5.40E-06 ^a		Colorectal, Prostate
	rs4838993	114135133	G : A	0.139	3.98E-05			0.91 (0.88-0.95)	4.83E-06 ^a		Colorectal, Prostate
	rs4839329	114135705	G : A	0.139	3.97E-05			0.91 (0.88-0.95)	4.82E-06 ^a		Colorectal, Prostate
	rs4839330	114137582	T : C	0.140	7.34E-05			0.92 (0.88-0.95)	9.08E-06 ^a		Colorectal, Prostate
	rs75296543	114138286	C : A	0.140	7.34E-05			0.92 (0.88-0.95)	9.08E-06 ^a		Colorectal, Prostate
	rs147272614	114143966	C : G	0.125	7.59E-05			0.91 (0.87-0.95)	9.14E-06 ^a		Colorectal, Prostate
	rs76308249	114147681	A : G	0.139	2.89E-05			0.91 (0.88-0.95)	3.53E-06 ^a		Colorectal, Prostate
	rs78703286	114148115	A : G	0.139	3.06E-05			0.91 (0.88-0.95)	3.76E-06 ^a		Colorectal, Prostate
	rs76112502	114149696	T : C	0.139	2.85E-05			0.91 (0.88-0.95)	3.49E-06 ^a		Colorectal, Prostate
	rs80348557	114151116	C : T	0.139	2.82E-05			0.91 (0.88-0.95)	3.45E-06 ^a		Colorectal, Prostate
	rs4838994	114151606	G : A	0.139	4.33E-05			0.91 (0.88-0.95)	5.48E-06 ^a		Colorectal, Prostate
	rs111408799	114153375	T : A	0.139	3.00E-05			0.91 (0.88-0.95)	3.68E-06 ^a		Colorectal, Prostate
	rs4839331	114161631	A : G	0.140	3.90E-05			0.91 (0.88-0.95)	5.02E-06 ^a		Colorectal, Prostate
	rs4839332	114162191	G : T	0.140	3.30E-05			0.91 (0.88-0.95)	4.11E-06 ^a		Colorectal, Prostate
	rs77892281	114163617	A : T	0.140	3.91E-05			0.91 (0.88-0.95)	5.06E-06 ^a		Colorectal, Prostate
	rs192524208	114166133	G : A	0.144	6.08E-05			0.93 (0.90-0.96)	8.31E-06 ^a		Colorectal, Breast, Prostate
	rs76617814	114171234	G : A	0.140	3.84E-05			0.91 (0.88-0.95)	4.52E-06 ^a		Colorectal, Prostate
	rs79220465	114171341	A : T	0.140	3.85E-05			0.91 (0.88-0.95)	4.52E-06 ^a		Colorectal, Prostate
	rs146441240	114179903	G : A	0.140	5.16E-05			0.91 (0.88-0.95)	6.19E-06 ^a		Colorectal, Prostate
	rs75374178	114181948	C : T	0.140	4.15E-05			0.91 (0.88-0.95)	4.78E-06 ^a		Colorectal, Prostate
	rs17359281	114185959	A : G	0.140	3.84E-05			0.91 (0.88-0.95)	4.57E-06 ^a		Colorectal, Prostate
	rs12144215	114187155	G : T	0.131	1.50E-05 ^a			0.90 (0.87-0.94)	2.11E-06 ^a		Colorectal, Prostate
	rs3761934	114189067	G : T	0.140	5.11E-05			0.91 (0.88-0.95)	6.24E-06 ^a		Colorectal, Prostate
	rs41352847	114189880	G : A	0.140	5.05E-05			0.91 (0.88-0.95)	6.15E-06 ^a		Colorectal, Prostate
	rs79667495	114191329	T : G	0.140	5.00E-05			0.91 (0.88-0.95)	6.08E-06 ^a		Colorectal, Prostate
	rs2146018	114195330	C : A	0.140	5.54E-05			0.91 (0.88-0.95)	6.77E-06 ^a		Colorectal, Prostate
	rs6678422	114204700	A : G	0.144	8.08E-05			0.92 (0.88-0.95)	9.96E-06 ^a		Colorectal, Prostate
	rs76726048	114206699	T : C	0.140	6.72E-05			0.91 (0.88-0.95)	8.10E-06 ^a		Colorectal, Prostate
	rs77042378	114209101	G : T	0.137	1.04E-04			0.92 (0.88-0.95)	1.26E-05 ^a		Colorectal, Prostate

rs17359378	114216709	A : T	0.140	6.90E-05			0.91 (0.88-0.95)	8.27E-06 ^a		Colorectal, Prostate
rs17274627	114217395	G : A	0.140	7.02E-05			0.91 (0.88-0.95)	8.38E-06 ^a		Colorectal, Prostate
rs4839333	114219161	A : T	0.125	1.00E-04			0.91 (0.87-0.95)	1.42E-05 ^a		Colorectal, Prostate
rs74524050	114231207	T : C	0.140	6.54E-05			0.91 (0.88-0.95)	7.62E-06 ^a		Colorectal, Prostate
rs4839336	114234145	A : T	0.140	7.82E-05			0.91 (0.88-0.95)	8.85E-06 ^a		Colorectal, Prostate
rs77551704	114235186	G : C	0.140	7.91E-05			0.91 (0.88-0.95)	8.85E-06 ^a		Colorectal, Prostate
rs76038270	114238920	C : G	0.143	7.78E-05			0.91 (0.88-0.95)	9.08E-06 ^a		Colorectal, Prostate
rs17359468	114242706	G : A	0.140	7.68E-05			0.91 (0.88-0.95)	7.43E-06 ^a		Colorectal, Prostate
rs75290614	114242872	C : T	0.140	7.71E-05			0.91 (0.88-0.95)	8.09E-06 ^a		Colorectal, Prostate
rs78874053	114242873	A : T	0.140	7.79E-05			0.91 (0.88-0.95)	8.18E-06 ^a		Colorectal, Prostate
rs75564289	114255664	C : G	0.140	5.65E-05			0.91 (0.88-0.95)	5.60E-06 ^a		Colorectal, Prostate
rs17031795	114255828	T : C	0.140	5.67E-05			0.91 (0.88-0.95)	5.62E-06 ^a		Colorectal, Prostate
rs183221482 ^{c,d}	114259608	T : G	0.003	1.57E-04			0.05 (0.01-0.19)	1.44E-05 ^a		Prostate
rs4589108	114259625	A : A	0.140	5.38E-05			0.91 (0.88-0.95)	5.31E-06 ^a		Colorectal, Prostate
rs78552134	114269666	A : G	0.137	9.07E-05			0.91 (0.88-0.95)	8.29E-06 ^a		Colorectal, Prostate
rs4839341	114271662	C : T	0.137	2.68E-05			0.91 (0.87-0.95)	2.89E-06 ^a		Colorectal, Prostate
rs4393155	114274247	G : A	0.140	3.06E-05			0.91 (0.88-0.95)	2.66E-06 ^a		Colorectal, Prostate
rs78483697	114276709	C : T	0.141	6.28E-05			0.91 (0.88-0.95)	6.22E-06 ^a		Colorectal, Prostate
rs4839000	114280135	G : T	0.141	3.03E-05			0.91 (0.88-0.95)	2.55E-06 ^a		Colorectal, Prostate
rs78394484	114282758	T : C	0.141	3.21E-05			0.91 (0.88-0.95)	2.74E-06 ^a		Colorectal, Prostate
rs74610368	114285303	G : A	0.139	3.18E-05			0.91 (0.87-0.95)	2.73E-06 ^a		Colorectal, Prostate
rs79198040	114288691	A : G	0.141	2.53E-05 ^a			0.91 (0.87-0.95)	2.12E-06 ^a		Colorectal, Prostate
rs74533448	114292888	C : T	0.139	3.48E-05			0.91 (0.87-0.95)	3.04E-06 ^a		Colorectal, Prostate
rs112390378	114298509	C : T	0.119	7.54E-05			0.90 (0.86-0.94)	7.29E-06 ^a		Colorectal, Prostate
rs75746385	114300892	A : G	0.136	3.06E-05			0.91 (0.87-0.95)	2.70E-06 ^a		Colorectal, Prostate
rs1217379	114344083	T : C	0.447	2.47E-05 ^a			0.94 (0.92-0.97)	1.53E-05 ^a		Prostate, Lung
rs1217378	114345418	T : C	0.454	2.63E-05 ^a			0.94 (0.92-0.97)	2.18E-05 ^a		Prostate, Lung
rs1217411	114356125	G : A	0.455	2.13E-05 ^a	1.04 (1.003-1.07)	3.22E-02 ^b	0.94 (0.92-0.97)	4.59E-05	Breast, Ovarian	Prostate, Lung
rs1310182	114373503	G : A	0.454	2.50E-05 ^a	1.04 (1.003-1.07)	3.26E-02 ^b	0.94 (0.91-0.97)	5.37E-05	Breast, Ovarian	Prostate, Lung
rs974404	114382025	T : G	0.449	9.19E-06 ^a	1.04 (1.01-1.07)	2.47E-02 ^b	0.94 (0.91-0.97)	2.43E-05 ^a	Breast, Ovarian	Prostate, Lung
rs1217405	114392632	G : A	0.454	2.57E-05 ^a	1.04 (1.002-1.07)	3.63E-02 ^b	0.94 (0.92-0.97)	4.97E-05	Breast, Ovarian	Prostate, Lung
rs1217406	114393153	C : A	0.454	2.60E-05 ^a	1.04 (1.002-1.07)	3.63E-02 ^b	0.94 (0.92-0.97)	5.04E-05	Breast, Ovarian	Prostate, Lung
rs1217418	114401231	G : A	0.455	2.24E-05 ^a			0.94 (0.92-0.97)	1.29E-05 ^a		Prostate, Lung
rs1217419	114401904	G : T	0.454	2.79E-05			0.94 (0.92-0.97)	1.57E-05 ^a		Prostate, Lung
rs1217420	114402751	G : A	0.455	2.31E-05 ^a			0.94 (0.92-0.97)	1.45E-05 ^a		Prostate, Lung
rs6665194	114417843	G : A	0.442	2.02E-05 ^a	1.04 (1.003-1.07)	3.25E-02 ^b	0.94 (0.92-0.97)	4.29E-05	Breast, Ovarian	Prostate, Lung
rs1217385	114418205	C : A	0.442	1.85E-05 ^a	1.04 (1.003-1.07)	3.15E-02 ^b	0.94 (0.92-0.97)	4.02E-05	Breast, Ovarian	Prostate, Lung
rs7524200	114426824	T : G	0.379	1.34E-05 ^a	1.04 (1.01-1.08)	1.63E-02 ^b	0.94 (0.91-0.97)	5.52E-05	Breast, Ovarian	Prostate, Lung
rs2884603	114427450	A : G	0.379	1.33E-05 ^a	1.04 (1.01-1.08)	1.64E-02 ^b	0.94 (0.91-0.97)	5.43E-05	Breast, Ovarian	Prostate, Lung
rs1217392	114433970	G : T	0.377	1.78E-05 ^a			0.94 (0.91-0.97)	2.38E-05 ^a		Prostate, Lung
rs10776775	114436482	G : A	0.379	2.15E-05 ^a	1.04 (1.01-1.07)	2.35E-02 ^b	0.94 (0.91-0.97)	6.34E-05	Breast, Ovarian	Prostate, Lung
rs10745340	114436970	T : C	0.379	1.14E-05 ^a	1.04 (1.01-1.07)	2.20E-02 ^b	0.94 (0.91-0.97)	3.44E-05	Breast, Ovarian	Prostate, Lung
rs3789613	114443035	C : G	0.379	1.38E-05 ^a	1.04 (1.01-1.07)	2.36E-02 ^b	0.94 (0.91-0.97)	3.94E-05	Breast, Ovarian	Prostate, Lung
rs7523862 ^e	114443419	G : A	0.379	1.09E-05 ^a			0.94 (0.91-0.97)	1.17E-05 ^a		Prostate, Lung
rs10858022	114446341	A : G	0.377	1.31E-05 ^a	1.04 (1.01-1.07)	2.48E-02 ^b	0.94 (0.91-0.97)	3.53E-05	Breast, Ovarian	Prostate, Lung
rs6661817	114447034	G : C	0.379	1.20E-05 ^a			0.94 (0.91-0.97)	1.25E-05 ^a		Prostate, Lung

rs10858023	114448752	C : T	0.367	2.21E-05 ^a	1.05 (1.003-1.09)	3.55E-02 ^b	0.94 (0.91-0.97)	4.33E-05	Breast	Prostate, Lung
<i>TERC</i> (Chr. 3)										
rs75835734	168720540	G : A	0.029	1.01E-05 ^a	1.14 (1.08-1.21)	1.01E-05 ^a			Colorectal, Breast, Ovarian, Lung	
rs16853003	168736130	C : T	0.029	9.36E-06 ^a	1.14 (1.08-1.21)	9.36E-06 ^a			Colorectal, Breast, Ovarian, Lung	
rs79788196	168742937	T : C	0.041	2.55E-06 ^a	1.13 (1.07-1.19)	2.55E-06 ^a			Colorectal, Breast, Ovarian, Lung	
rs117527757	168743017	C : T	0.029	1.11E-05 ^a	1.14 (1.08-1.21)	1.11E-05 ^a			Colorectal, Breast, Ovarian, Lung	
rs10513655	168747022	A : G	0.029	1.32E-05 ^a	1.14 (1.07-1.21)	1.32E-05 ^a			Colorectal, Breast, Ovarian, Lung	
rs74329725	168747355	T : G	0.029	1.22E-05 ^a	1.14 (1.07-1.21)	1.22E-05 ^a			Colorectal, Breast, Ovarian, Lung	
rs78325057	168749123	C : T	0.029	1.32E-05 ^a	1.14 (1.07-1.21)	1.32E-05 ^a			Colorectal, Breast, Ovarian, Lung	
rs41521447	168752932	A : C	0.041	3.06E-06 ^a	1.13 (1.07-1.19)	3.06E-06 ^a			Colorectal, Breast, Ovarian, Lung	
rs115002293	168759557	G : A	0.041	1.56E-06 ^a	1.13 (1.08-1.19)	1.56E-06 ^a			Colorectal, Breast, Ovarian, Lung	
rs75963875	168760144	C : T	0.041	1.77E-06 ^a	1.14 (1.08-1.20)	1.77E-06 ^a			Colorectal, Breast, Ovarian, Lung	
rs75316749	168761423	A : G	0.041	1.38E-06 ^a	1.14 (1.08-1.20)	1.38E-06 ^a			Colorectal, Breast, Ovarian, Lung	
rs79934920	168761663	A : G	0.029	9.20E-06 ^a	1.14 (1.08-1.21)	9.20E-06 ^a			Colorectal, Breast, Ovarian, Lung	
rs76488289	168764394	G : A	0.029	7.32E-06 ^a	1.14 (1.08-1.21)	7.32E-06 ^a			Colorectal, Breast, Ovarian, Lung	
rs149662262	168766924	C : G	0.041	7.32E-06 ^a	1.14 (1.08-1.20)	1.34E-06 ^a			Colorectal, Breast, Ovarian, Lung	
rs77194710	168769537	T : C	0.029	1.49E-05 ^a	1.14 (1.07-1.21)	1.49E-05 ^a			Colorectal, Breast, Ovarian, Lung	
rs16853073	168774723	C : T	0.032	9.28E-06 ^a	1.14 (1.08-1.21)	9.28E-06 ^a			Colorectal, Breast, Ovarian, Lung	
rs9809168	168803900	T : C	0.033	1.20E-05 ^a	1.15 (1.08-1.22)	1.20E-05 ^a			Colorectal, Breast, Ovarian, Lung	
rs9809633 [§]	168804217	T : C	0.026	1.44E-05 ^a	1.16 (1.09-1.24)	1.44E-05 ^a			Colorectal, Breast, Ovarian, Lung	
rs9826964	168807413	G : A	0.032	1.96E-05 ^a	1.15 (1.08-1.22)	1.96E-05 ^a			Colorectal, Breast, Ovarian, Lung	
rs1488099	168860991	A : G	0.032	1.49E-05 ^a	1.15 (1.08-1.22)	1.49E-05 ^a			Colorectal, Breast, Prostate, Ovarian, Lung	
rs74677551	168861788	T : G	0.032	3.20E-06 ^a	1.15 (1.08-1.22)	3.20E-06 ^a			Colorectal, Breast, Prostate, Ovarian, Lung	
rs16853245	168862731	T : A	0.0303	1.12E-05 ^a	1.16 (1.09-1.24)	1.12E-05 ^a			Colorectal, Breast, Ovarian, Lung	
rs111367602	169748004	C : T	0.0937	4.02E-05			0.86 (0.80-0.92)	1.18E-05 ^a		Prostate
rs16854778	169748111	G : A	0.095	4.48E-05			0.86 (0.81-0.92)	1.24E-05 ^a		Prostate
rs75286521	169748803	A : G	0.095	4.22E-05			0.86 (0.80-0.92)	1.20E-05 ^a		Prostate
rs2160902	169752927	G : A	0.098	1.63E-05 ^a			0.86 (0.80-0.92)	4.30E-06 ^a		Prostate
rs73879159	169753747	G : T	0.392	2.26E-05 ^a			0.86 (0.80-0.92)	5.95E-06 ^a		Prostate
rs60355509	169754180	C : T	0.102	3.22E-05			0.86 (0.81-0.92)	1.06E-05 ^a		Prostate
rs59249820	169755545	C : T	0.102	3.13E-05			0.86 (0.81-0.92)	9.29E-06 ^a		Prostate
rs2287483	169756846	C : T	0.103	3.80E-05			0.87 (0.81-0.92)	1.21E-05 ^a		Prostate
rs111477446	169759112	C : T	0.103	1.01E-05 ^a			0.86 (0.81-0.92)	1.99E-06 ^a		Prostate
rs2287482	169765795	T : G	0.106	3.24E-05			0.87 (0.81-0.92)	9.43E-06 ^a		Prostate
rs7631178	169766424	T : G	0.106	4.73E-05			0.87 (0.81-0.93)	1.49E-05 ^a		Prostate
rs7651554	169768485	C : G	0.106	6.05E-05			0.87 (0.81-0.93)	1.91E-05 ^a		Prostate
rs73879163	169770802	T : C	0.106	6.31E-05			0.87 (0.82-0.93)	1.95E-05 ^a		Prostate
rs73879164	169770924	T : C	0.106	6.95E-05			0.87 (0.82-0.93)	1.82E-05 ^a		Prostate
rs113968946	169773657	C : A	0.106	6.31E-05			0.87 (0.82-0.93)	1.95E-05 ^a		Prostate
rs3772178	169773833	T : C	0.106	5.81E-05			0.87 (0.81-0.93)	1.47E-05 ^a		Prostate
rs16854812	169774383	T : C	0.106	7.40E-05			0.87 (0.82-0.93)	2.36E-05 ^a		Prostate
rs11925129 [§]	169775228	C : A	0.106	6.80E-05			0.87 (0.82-0.93)	1.79E-05 ^a		Prostate
rs73879167	169776194	T : G	0.106	6.62E-05			0.87 (0.81-0.93)	2.05E-05 ^a		Prostate
rs17471922	169779394	A : G	0.110	2.74E-06 ^a			0.85 (0.80-0.91)	3.13E-07 ^a		Prostate
rs56316750	169782754	G : A	0.111	1.31E-06 ^a			0.85 (0.80-0.90)	1.13E-07 ^a		Prostate
rs2255256	169785903	G : A	0.115	9.71E-07 ^a			0.85 (0.80-0.90)	8.08E-08 ^a		Prostate

rs2287479	169787423	G : C	0.114	1.10E-06 ^a	0.85 (0.80-0.90)	9.35E-08 ^a	Prostate
rs2287478	169788105	A : C	0.115	1.33E-06 ^a	0.85 (0.80-0.90)	1.15E-07 ^a	Prostate
rs76146592	169789234	C : T	0.115	1.30E-06 ^a	0.85 (0.80-0.90)	1.13E-07 ^a	Prostate
rs2241292	169798962	C : G	0.117	3.81E-06 ^a	0.86 (0.81-0.91)	3.22E-07 ^a	Prostate
rs12497114	169799521	T : A	0.117	1.95E-06 ^a	0.85 (0.80-0.91)	1.56E-07 ^a	Prostate
rs12493804	169799704	G : A	0.117	1.69E-06 ^a	0.85 (0.80-0.91)	1.38E-07 ^a	Prostate
rs16854836	169804730	T : C	0.116	2.80E-06 ^a	0.86 (0.81-0.91)	2.38E-07 ^a	Prostate
rs7615039	169806170	G : A	0.116	5.11E-06 ^a	0.86 (0.81-0.91)	4.43E-07 ^a	Prostate
rs12492606	169808354	G : A	0.116	3.17E-06 ^a	0.86 (0.81-0.91)	2.55E-07 ^a	Prostate
rs888507	169811039	G : C	0.116	4.74E-06 ^a	0.86 (0.81-0.91)	3.82E-07 ^a	Prostate
rs879161	169812115	A : G	0.116	3.86E-06 ^a	0.86 (0.81-0.91)	2.94E-07 ^a	Prostate
rs16854848	169822201	T : C	0.115	3.63E-06 ^a	0.85 (0.80-0.91)	2.95E-07 ^a	Prostate
rs6781454	169823096	T : C	0.116	4.32E-06 ^a	0.86 (0.81-0.91)	3.32E-07 ^a	Prostate
rs56241439	169830174	T : C	0.119	3.03E-06 ^a	0.86 (0.81-0.91)	2.28E-07 ^a	Prostate
rs6785202	169830459	A : G	0.116	2.45E-06 ^a	0.85 (0.81-0.91)	1.88E-07 ^a	Prostate
rs58417766	169833247	A : G	0.116	3.19E-06 ^a	0.86 (0.81-0.91)	2.42E-07 ^a	Prostate
rs7638400	169837787	A : G	0.116	4.30E-06 ^a	0.86 (0.81-0.91)	3.49E-07 ^a	Prostate
rs6808506	169839239	G : C	0.115	2.81E-06 ^a	0.86 (0.81-0.91)	2.17E-07 ^a	Prostate
rs73030653	169841926	G : A	0.116	2.84E-06 ^a	0.86 (0.81-0.91)	2.23E-07 ^a	Prostate
rs80038349	169844718	G : T	0.114	2.02E-06 ^a	0.85 (0.80-0.90)	1.50E-07 ^a	Prostate
rs73879173	169845604	T : G	0.117	3.52E-06 ^a	0.86 (0.81-0.91)	2.68E-07 ^a	Prostate
rs79389383	169858228	G : A	0.116	2.68E-06 ^a	0.86 (0.81-0.91)	2.06E-07 ^a	Prostate
rs7618919	169860239	C : T	0.116	2.47E-06 ^a	0.86 (0.81-0.91)	1.89E-07 ^a	Prostate
rs6809214	169864096	G : A	0.116	2.45E-06 ^a	0.86 (0.81-0.91)	1.89E-07 ^a	Prostate
rs6786022	169864154	C : A	0.116	2.47E-06 ^a	0.86 (0.81-0.91)	1.89E-07 ^a	Prostate
rs113687726	169867464	G : A	0.119	4.75E-06 ^a	0.86 (0.81-0.91)	3.98E-07 ^a	Prostate
rs76146702	169868720	G : T	0.116	2.27E-06 ^a	0.85 (0.81-0.91)	1.70E-07 ^a	Prostate
rs73879178	169872834	C : T	0.116	2.16E-06 ^a	0.85 (0.80-0.91)	1.63E-07 ^a	Prostate
rs57150274	169874634	C : T	0.116	2.13E-06 ^a	0.85 (0.80-0.91)	1.65E-07 ^a	Prostate
rs73879180	169874968	T : C	0.117	2.84E-06 ^a	0.85 (0.81-0.91)	2.15E-07 ^a	Prostate
rs6763396	169876765	C : T	0.116	2.74E-06 ^a	0.86 (0.81-0.91)	2.01E-07 ^a	Prostate
rs73879182	169879695	C : T	0.116	2.25E-06 ^a	0.85 (0.81-0.91)	1.70E-07 ^a	Prostate
rs12488988	169879860	T : C	0.117	2.54E-06 ^a	0.85 (0.81-0.91)	1.88E-07 ^a	Prostate
rs74643988	169883365	A : C	0.114	2.25E-06 ^a	0.85 (0.80-0.91)	1.58E-07 ^a	Prostate
rs76646441	169885103	A : G	0.117	2.05E-06 ^a	0.85 (0.81-0.91)	1.57E-07 ^a	Prostate
rs61493476	169887831	C : A	0.121	5.58E-06 ^a	0.85 (0.80-0.91)	4.38E-07 ^a	Prostate
rs3772186	169889331	T : A	0.116	2.64E-06 ^a	0.85 (0.81-0.91)	2.00E-07 ^a	Prostate
rs79518241	169890738	T : C	0.116	1.98E-06 ^a	0.85 (0.80-0.91)	1.47E-07 ^a	Prostate
rs17236830	169891246	G : A	0.116	1.67E-06 ^a	0.85 (0.80-0.9)	1.22E-07 ^a	Prostate
rs16854875	169899667	T : G	0.116	2.79E-06 ^a	0.86 (0.81-0.91)	1.97E-07 ^a	Prostate
rs113438612	169901726	C : T	0.116	1.13E-06 ^a	0.85 (0.80-0.9)	7.57E-08 ^a	Prostate
rs112269654	169903667	G : A	0.086	2.41E-06 ^a	0.83 (0.77-0.89)	3.78E-07 ^a	Prostate
rs77248289	169905625	C : T	0.117	1.58E-06 ^a	0.85 (0.80-0.90)	1.08E-07 ^a	Prostate
rs9757709	169906407	T : G	0.117	1.61E-06 ^a	0.85 (0.80-0.90)	1.10E-07 ^a	Prostate
rs12493954	169909941	C : T	0.115	8.12E-06 ^a	0.86 (0.80-0.91)	7.43E-07 ^a	Prostate
rs76336713	169911957	G : T	0.114	3.28E-06 ^a	0.85 (0.80-0.91)	2.87E-07 ^a	Prostate

rs77216745	169913020	A : T	0.114	1.70E-06 ^a			0.85 (0.80-0.90)	1.17E-07 ^a	Prostate
rs113351200	169915772	T : C	0.131	1.40E-06 ^a			0.85 (0.80-0.90)	1.02E-07 ^a	Prostate
rs77964281	169916180	T : C	0.117	3.49E-07 ^a			0.85 (0.80-0.90)	2.65E-08 ^a	Prostate
rs6762609	169916919	C : T	0.114	5.64E-06 ^a			0.85 (0.80-0.91)	5.57E-07 ^a	Prostate
rs77112641	169962533	G : A	0.081	1.60E-07 ^a			0.81 (0.75-0.87)	2.16E-08 ^a	Prostate
rs140861594	169971557	C : T	0.073	1.76E-07 ^a			0.79 (0.73-0.86)	1.09E-08 ^a	Prostate
rs56257047	169988286	C : T	0.162	1.04E-14 ^a			0.80 (0.76-0.85)	4.28E-16 ^a	Prostate
rs71277158	169999216	T : G	0.162	8.88E-15 ^a			0.80 (0.76-0.84)	3.64E-16 ^a	Prostate
rs75313056	170017609	G : A	0.082	1.51E-08 ^a			0.80 (0.74-0.86)	9.54E-10 ^a	Prostate
rs73879193	170018499	A : G	0.135	7.27E-13 ^a			0.79 (0.75-0.84)	5.39E-14 ^a	Prostate
rs4955720	170028600	C : A	0.405	1.37E-04			0.94 (0.92-0.97)	2.44E-05 ^a	Colorectal, Prostate
rs2901621	170057704	G : C	0.098	1.77E-05 ^a			0.93 (0.91-0.96)	3.52E-06 ^a	Colorectal, Prostate
rs6444912	170061629	C : T	0.397	6.87E-05			0.94 (0.91-0.97)	1.42E-05 ^a	Colorectal, Prostate
rs6444914	170061756	G : A	0.408	2.50E-05			0.94 (0.91-0.96)	4.23E-06 ^a	Colorectal, Prostate
rs17826519	170062936	A : G	0.422	1.02E-06 ^a	1.11 (1.06-1.16)	1.32E-06 ^a	0.94 (0.89-0.998)	4.37E-02 ^b	Prostate Ovarian
rs75982374	170063227	A : G	0.140	4.65E-13 ^a			0.79 (0.74-0.84)	2.62E-14 ^a	Prostate
rs76925190	170066339	A : C	0.173	1.25E-14 ^a			0.80 (0.76-0.84)	6.27E-16 ^a	Prostate
rs9815664	170069655	G : A	0.427	6.94E-05			0.94 (0.91-0.97)	2.05E-05 ^a	Colorectal, Prostate
rs10804839 ^f	170071783	A : T	0.426	1.01E-06 ^a	1.1 (1.06-1.15)	1.57E-06 ^a	0.94 (0.89-0.996)	3.62E-02 ^b	Prostate Ovarian
rs10804840	170071807	G : A	0.426	2.84E-06 ^a	1.1 (1.06-1.15)	4.64E-06 ^a	0.94 (0.89-0.996)	3.70E-02 ^b	Prostate Ovarian
rs78416326	170074517	G : C	0.190	1.41E-13 ^a			0.81 (0.77-0.86)	1.76E-14 ^a	Prostate
rs61436251	170083629	C : G	0.181	8.80E-14 ^a			0.81 (0.76-0.85)	6.61E-15 ^a	Prostate
3:170092057 ^d	170092057	A : C	0.130	2.69E-06 ^a			0.80 (0.74-0.87)	1.66E-07 ^a	Prostate
rs4582064	170095914	C : T	0.379	2.42E-07 ^a	1.04 (1.001-1.08)	4.61E-02 ^b	0.89 (0.86-0.93)	2.73E-07 ^a	Breast, Ovarian Prostate
rs80304993	170097606	G : A	0.230	6.54E-15 ^a			0.82 (0.78-0.86)	1.51E-15 ^a	Prostate
rs61212679 ^f	170098439	A : T	0.434	1.54E-07 ^a	1.11 (1.07-1.16)	2.39E-07 ^a	0.93 (0.87-0.994)	3.28E-02 ^b	Prostate Ovarian
rs12487040	170103592	T : C	0.372	1.70E-08 ^a	1.05 (1.01-1.09)	2.46E-02 ^b	0.89 (0.85-0.93)	3.13E-08 ^a	Breast, Ovarian Prostate
rs11720323	170104013	G : C	0.375	4.12E-08 ^a	1.05 (1.01-1.09)	2.43E-02 ^b	0.89 (0.85-0.93)	8.04E-08 ^a	Breast, Ovarian Prostate
rs62293480	170106672	G : T	0.388	1.35E-06 ^a			0.89 (0.84-0.93)	5.97E-07 ^a	Prostate
rs62293481 ^f	170109434	C : G	0.442	1.98E-08 ^a	1.12 (1.08-1.16)	1.04E-08 ^a			Prostate
rs1045210	170114078	A : C	0.377	2.01E-08 ^a	1.05 (1.01-1.09)	2.25E-02 ^b	0.89 (0.85-0.93)	4.10E-08 ^a	Breast, Ovarian Prostate
rs59758024 ^f	170119352	A : T	0.447	9.03E-09 ^a	1.12 (1.08-1.17)	7.08E-09 ^a			Prostate
rs6768083	170120253	T : A	0.338	1.31E-07 ^a	1.04 (1.000-1.08)	4.92E-02 ^b	0.89 (0.85-0.93)	1.34E-07 ^a	Breast, Ovarian Prostate
rs2421927	170121153	A : G	0.339	1.38E-07 ^a			0.89 (0.85-0.93)	1.26E-07 ^a	Prostate
rs55953261	170121598	G : A	0.488	4.58E-09 ^a			0.89 (0.85-0.92)	3.57E-09 ^a	Prostate
rs12486850	170122676	G : A	0.340	1.02E-07 ^a	1.04 (1.001-1.08)	4.41E-02 ^b	0.89 (0.85-0.93)	1.15E-07 ^a	Breast, Ovarian Prostate
rs6444923	170122784	C : T	0.342	2.01E-07 ^a			0.89 (0.85-0.93)	1.66E-07 ^a	Prostate
rs6762828	170122872	C : T	0.340	1.03E-07 ^a	1.04 (1.001-1.08)	4.47E-02 ^b	0.89 (0.85-0.93)	1.15E-07 ^a	Breast, Ovarian Prostate
rs6444924	170123048	A : C	0.340	2.13E-07 ^a	1.04 (1.000-1.08)	4.89E-02 ^b	0.89 (0.85-0.93)	2.26E-07 ^a	Breast, Ovarian Prostate
rs56121376	170123144	T : C	0.491	6.92E-09 ^a			0.89 (0.85-0.92)	4.67E-09 ^a	Prostate
rs12488537	170124354	C : T	0.343	2.18E-07 ^a			0.89 (0.85-0.93)	1.86E-07 ^a	Prostate
rs12491115	170125604	A : T	0.340	6.69E-08 ^a	1.04 (1.001-1.08)	4.47E-02 ^b	0.89 (0.85-0.93)	7.28E-08 ^a	Breast, Ovarian Prostate
rs12634437	170126305	A : G	0.340	2.18E-07 ^a			0.89 (0.85-0.93)	2.10E-07 ^a	Prostate
rs62293497	170126565	T : G	0.356	8.17E-06 ^a			0.91 (0.87-0.95)	6.54E-06 ^a	Prostate
rs7644073	170126670	G : A	0.331	4.34E-07 ^a			0.89 (0.85-0.93)	4.55E-07 ^a	Prostate
rs148376875	170126707	G : T	0.125	1.32E-10 ^a			0.80 (0.75-0.85)	1.96E-11 ^a	Prostate

rs77085460	170127536	A : G	0.063	7.30E-09 ^a			0.76 (0.70-0.83)	3.81E-10 ^a		Prostate
rs13071543	170127919	C : T	0.340	2.78E-07 ^a	1.04 (1.001-1.08)	4.52E-02 ^b	0.89 (0.86-0.93)	3.23E-07 ^a	Breast, Ovarian	Prostate
rs13096001	170128750	T : G	0.356	1.15E-05 ^a			0.91 (0.87-0.95)	1.09E-05 ^a		Prostate
rs10936632 [§]	170130102	A : C	0.491	1.22E-08 ^a	1.07 (1.003-1.14)	4.08E-02 ^b	0.89 (0.86-0.93)	1.34E-08 ^a	Ovarian	Prostate
rs62293498	170132824	C : T	0.344	7.58E-07 ^a	1.04 (1.001-1.08)	4.70E-02 ^b	0.90 (0.86-0.94)	8.96E-07 ^a	Breast, Ovarian	Prostate
rs35763188	170133401	A : G	0.346	2.87E-07 ^a	1.04 (1.003-1.08)	3.50E-02 ^b	0.90 (0.86-0.93)	4.32E-07 ^a	Breast, Ovarian	Prostate
rs10804842	170135700	T : C	0.234	1.73E-08 ^a			0.86 (0.82-0.90)	1.94E-09 ^a		Prostate
rs62293499	170140153	A : C	0.336	2.38E-07 ^a	1.04 (1.004-1.08)	3.08E-02 ^b	0.90 (0.86-0.93)	4.03E-07 ^a	Breast, Ovarian	Prostate
rs2422035	170145272	G : A	0.336	2.03E-07 ^a	1.04 (1.004-1.08)	3.07E-02 ^b	0.90 (0.86-0.93)	3.41E-07 ^a	Breast, Ovarian	Prostate
rs9865021	170146881	C : T	0.487	2.48E-06 ^a	1.10 (1.06-1.14)	2.11E-06 ^a			Prostate	
rs6794467	170147991	C : A	0.487	3.43E-06 ^a	1.10 (1.06-1.14)	2.99E-06 ^a			Prostate	
rs6770844	170150812	T : C	0.336	1.95E-07 ^a	1.04 (1.004-1.08)	2.99E-02 ^b	0.90 (0.86-0.93)	3.36E-07 ^a	Breast, Ovarian	Prostate
rs7610584	170153183	C : T	0.491	2.34E-05 ^a	1.09 (1.05-1.13)	1.78E-05 ^a			Prostate	
rs9811071	170156832	C : T	0.489	3.60E-06 ^a	1.10 (1.06-1.15)	1.79E-06 ^a			Prostate	
rs10936633	170158128	G : A	0.493	1.49E-06 ^a			0.90 (0.87-0.94)	7.74E-07 ^a		Prostate
rs969217	170159134	C : T	0.391	2.73E-07 ^a	1.06 (1.02-1.11)	2.62E-03	0.90 (0.87-0.94)	5.47E-06 ^a	Breast	Prostate
rs1035298	170160493	C : T	0.389	3.37E-06 ^a	1.05 (1.02-1.09)	1.41E-03	0.91 (0.87-0.96)	1.46E-04	Breast, Ovarian	Prostate
<i>GAR1</i> (Chr. 4)										
rs17042238 ^d	111745854	A : G	0.003	6.33E-06 ^a			0.04 (0.01-0.16)	6.33E-06 ^a		Prostate
<i>TERT-CLPTMIL</i> (Chr. 5)										
rs6861230	304003	T : C	0.042	2.70E-05	1.25 (1.13-1.37)	5.83E-06 ^a			Breast, Ovarian	
rs33961405 [§]	1277577	A : G	0.491	1.20E-05 ^a	1.11 (1.06-1.16)	4.55E-06 ^a			Lung	
rs7726159 [§]	1282319	C : A	0.338	9.41E-09 ^a	1.12 (1.07-1.17)	3.42E-07 ^a	0.91 (0.85-0.96)	1.22E-03	Lung	Prostate
rs7725218 [§]	1282414	G : A	0.359	3.02E-09 ^a	1.12 (1.07-1.17)	3.14E-07 ^a	0.90 (0.85-0.96)	4.04E-04	Lung	Prostate
rs7713218	1283312	G : A	0.497	5.78E-08 ^a	1.10 (1.06-1.14)	6.60E-07 ^a	0.95 (0.91-0.98)	4.23E-03	Ovarian, Lung	Colorectal, Prostate
rs7717443	1283486	C : T	0.483	5.37E-07 ^a	1.10 (1.06-1.14)	2.24E-06 ^a	0.95 (0.91-0.98)	1.31E-02 ^b	Ovarian, Lung	Colorectal, Prostate
rs4449583	1284135	C : T	0.334	9.18E-09 ^a	1.10 (1.06-1.14)	1.83E-07 ^a	0.91 (0.86-0.97)	2.22E-03	Ovarian, Lung	Prostate
rs35029535	1284976	C : T	0.352	5.54E-08 ^a	1.09 (1.03-1.15)	2.09E-03	0.92 (0.89-0.95)	1.28E-06 ^a	Prostate	Breast, Ovarian, Lung
rs10866498	1285162	C : T	0.472	6.36E-08 ^a	1.05 (1.01-1.09)	6.76E-03	0.91 (0.88-0.94)	4.57E-07 ^a	Colorectal, Prostate	Ovarian, Lung
rs7705526 [§]	1285974	C : A	0.319	3.53E-08 ^a	1.13 (1.08-1.18)	3.91E-08 ^a	0.95 (0.90-0.998)	4.26E-02 ^b	Lung	Colorectal, Prostate
rs2736100 [§]	1286516	C : A	0.500	3.38E-10 ^a	1.05 (1.01-1.09)	1.72E-02 ^b	0.90 (0.86-0.93)	7.54E-10 ^a	Colorectal, Prostate	Lung
rs2853677 [§]	1287194	A : G	0.400	1.33E-06 ^a	1.11 (1.06-1.16)	1.54E-06 ^a	0.97 (0.93-1.000)	4.99E-02 ^b	Lung	Colorectal, Breast, Prostate
rs2736099 [§]	1287340	G : A	0.344	8.62E-09 ^a	1.12 (1.08-1.17)	1.75E-07 ^a	0.95 (0.92-0.98)	2.18E-03	Lung	Colorectal, Breast, Prostate
rs2853672 [§]	1292983	A : C	0.496	8.80E-07 ^a	1.09 (1.05-1.14)	1.27E-05 ^a	0.94 (0.91-0.98)	3.90E-03	Lung	Colorectal, Prostate
rs2736098 [§]	1294086	C : T	0.234	2.48E-07 ^a	1.08 (1.04-1.12)	1.81E-04	0.93 (0.90-0.97)	7.16E-05	Prostate, Lung	Colorectal, Breast, Ovarian
rs2853669 [§]	1295349	A : G	0.286	1.94E-07 ^a	1.08 (1.04-1.12)	7.65E-05	0.94 (0.91-0.97)	1.31E-04	Prostate, Lung	Colorectal, Breast, Ovarian
rs2735940 [§]	1296486	G : A	0.499	7.44E-09 ^a	1.09 (1.05-1.14)	1.91E-05	0.93 (0.90-0.96)	1.70E-05	Lung	Colorectal, Prostate
rs2736109 [§]	1296759	C : T	0.392	2.99E-06 ^a	1.11 (1.06-1.16)	5.88E-06 ^a	0.96 (0.93-0.996)	3.08E-02 ^b	Lung	Colorectal, Breast, Ovarian
rs2736108 [§]	1297488	C : T	0.276	3.97E-07 ^a	1.08 (1.04-1.12)	1.20E-04	0.94 (0.91-0.97)	1.78E-04	Prostate, Lung	Colorectal, Breast, Ovarian
rs2735948 [§]	1299213	G : A	0.418	7.70E-08 ^a			0.88 (0.85-0.92)	5.56E-09 ^a		Lung
rs2735947 [§]	1299392	G : A	0.141	1.55E-06 ^a			0.85 (0.79-0.90)	9.79E-08 ^a		Lung
rs2736102	1302144	C : T	0.365	3.73E-06 ^a			0.90 (0.86-0.94)	4.01E-07 ^a		Lung
rs2853666 [§]	1302914	A : G	0.364	4.35E-06 ^a			0.90 (0.86-0.94)	3.95E-07 ^a		Lung
rs2735945 [§]	1303901	C : T	0.363	4.79E-06 ^a			0.90 (0.86-0.94)	4.69E-07 ^a		Lung
rs2735944 [§]	1304432	C : T	0.132	1.27E-06 ^a			0.85 (0.80-0.90)	1.38E-07 ^a		Lung
rs4404721 [§]	1306165	C : T	0.389	2.92E-06 ^a			0.90 (0.86-0.94)	2.61E-07 ^a		Lung

rs4530805 [§]	1306331	C : T	0.387	5.82E-07 ^a		0.89 (0.86-0.93)	5.11E-08 ^a	Lung
rs7446461 [§]	1306521	G : C	0.169	1.09E-08 ^a		0.85 (0.81-0.90)	1.70E-09 ^a	Lung
rs11133727 ^{c,§}	1306765	G : C	0.408	2.02E-06 ^a		0.90 (0.86-0.93)	1.26E-07 ^a	Lung
rs1251843 ^{c,§}	1307469	T : C	0.422	7.85E-06 ^a		0.90 (0.87-0.94)	2.27E-06 ^a	Lung
rs186023279 ^b	1307606	G : T	0.425	1.92E-08 ^a	1.15 (1.10-1.21)	1.42E-08 ^a		Lung
rs190785038 ^b	1307616	A : G	0.385	2.47E-05	1.12 (1.07-1.18)	4.71E-06 ^a		Lung
rs186156459	1307647	T : C	0.141	3.60E-05		0.87 (0.82-0.92)	6.21E-06 ^a	Lung
rs4635969 [§]	1308552	G : A	0.195	1.17E-08 ^a		0.87 (0.83-0.91)	1.25E-09 ^a	Lung
rs61574973 [§]	1309168	C : T	0.389	1.39E-07 ^a		0.90 (0.86-0.93)	9.72E-09 ^a	Lung
rs60622800	1309904	A : G	0.410	2.46E-07 ^a		0.90 (0.87-0.93)	1.36E-08 ^a	Lung
rs6554758 [§]	1310152	A : G	0.413	1.67E-07 ^a		0.90 (0.86-0.93)	9.25E-09 ^a	Lung
rs6866294 [§]	1311693	C : T	0.442	1.11E-07 ^a		0.90 (0.87-0.93)	6.41E-09 ^a	Lung
rs6866783 [§]	1312020	C : T	0.421	5.37E-08 ^a		0.90 (0.86-0.93)	3.63E-09 ^a	Lung
rs35953391 [§]	1312329	C : T	0.201	6.44E-09 ^a		0.87 (0.83-0.91)	1.43E-09 ^a	Lung
rs13356727 [§]	1312457	A : G	0.442	1.16E-07 ^a		0.90 (0.87-0.93)	6.20E-09 ^a	Lung
rs13355267	1312935	C : T	0.449	3.06E-06 ^a		0.91 (0.87-0.94)	2.65E-07 ^a	Lung
rs36115365 [§]	1313242	G : C	0.201	6.86E-09 ^a		0.87 (0.83-0.91)	1.41E-09 ^a	Lung
rs28379291 [§]	1313701	G : A	0.421	4.74E-08 ^a		0.90 (0.86-0.93)	3.14E-09 ^a	Lung
rs10078017 [§]	1314009	T : C	0.421	8.11E-08 ^a		0.90 (0.86-0.93)	5.86E-09 ^a	Lung
rs4975615 [§]	1315343	A : G	0.425	9.16E-08 ^a		0.90 (0.86-0.93)	5.67E-09 ^a	Lung
rs4975616 [§]	1315660	A : G	0.445	1.18E-07 ^a		0.90 (0.87-0.93)	6.07E-09 ^a	Lung
rs13170453 [§]	1317481	A : G	0.224	2.43E-11 ^a		0.85 (0.82-0.89)	2.28E-12 ^a	Lung
rs3816659 [§]	1317820	G : A	0.441	2.44E-10 ^a		0.88 (0.85-0.91)	9.97E-12 ^a	Lung
rs451360 [§]	1319680	C : A	0.216	4.40E-11 ^a		0.85 (0.82-0.89)	2.54E-12 ^a	Lung
rs421629 [§]	1320136	G : A	0.455	4.63E-10 ^a		0.88 (0.85-0.92)	1.80E-11 ^a	Lung
rs380286 [§]	1320247	G : A	0.455	3.87E-10 ^a		0.88 (0.85-0.92)	1.49E-11 ^a	Lung
rs401681 [§]	1322087	C : T	0.460	3.13E-09 ^a		0.89 (0.86-0.92)	1.32E-10 ^a	Lung
rs381949 [§]	1322468	G : A	0.425	1.47E-09 ^a		0.89 (0.85-0.92)	5.99E-11 ^a	Lung
rs13178866 [§]	1323212	C : T	0.455	5.81E-10 ^a		0.89 (0.85-0.92)	2.28E-11 ^a	Lung
rs113097933 ^{c,§}	1323412	G : A	0.117	8.69E-07 ^a		0.83 (0.78-0.89)	6.10E-08 ^a	Lung
rs139928219 ^{c,§}	1323504	C : T	0.129	4.52E-07 ^a		0.83 (0.78-0.89)	4.03E-08 ^a	Lung
rs414965 [§]	1324121	G : A	0.427	9.28E-10 ^a		0.89 (0.85-0.92)	3.74E-11 ^a	Lung
rs421284 [§]	1325590	T : C	0.467	5.70E-10 ^a		0.89 (0.85-0.92)	2.23E-11 ^a	Lung
rs466502 ^{c,§}	1325767	A : G	0.463	5.83E-10 ^a		0.89 (0.85-0.92)	2.29E-11 ^a	Lung
rs465498 [§]	1325803	A : G	0.463	5.63E-10 ^a		0.89 (0.85-0.92)	2.21E-11 ^a	Lung
rs383009	1327851	C : T	0.437	7.71E-10 ^a		0.88 (0.85-0.92)	5.77E-11 ^a	Lung
rs76879431 ^c	1328459	C : A	0.251	5.78E-05		0.88 (0.84-0.93)	8.96E-06 ^a	Lung
rs380145 [§]	1328897	C : T	0.226	8.22E-11 ^a		0.86 (0.82-0.89)	4.37E-12 ^a	Lung
rs452932 [§]	1330253	T : C	0.463	1.12E-09 ^a		0.88 (0.85-0.92)	6.68E-11 ^a	Lung
rs452384 [§]	1330840	T : C	0.460	6.32E-10 ^a		0.89 (0.85-0.92)	2.49E-11 ^a	Lung
rs370348 [§]	1331219	A : G	0.464	4.80E-10 ^a		0.88 (0.85-0.92)	1.87E-11 ^a	Lung
rs2447853 [§]	1333077	A : G	0.486	4.95E-10 ^a		0.88 (0.85-0.92)	1.93E-11 ^a	Lung
rs467095 [§]	1336221	T : C	0.464	1.48E-09 ^a		0.88 (0.85-0.92)	8.04E-11 ^a	Lung
rs455433 [§]	1336243	A : G	0.467	5.87E-10 ^a		0.89 (0.85-0.92)	2.30E-11 ^a	Lung
rs460073 [§]	1336459	T : C	0.467	5.78E-10 ^a		0.89 (0.85-0.92)	2.27E-11 ^a	Lung
rs456366 [§]	1337070	T : C	0.467	5.82E-10 ^a		0.89 (0.85-0.92)	2.28E-11 ^a	Lung

rs36019446	1339890	A : G	0.484	1.57E-07 ^a			0.88 (0.85-0.92)	1.05E-08 ^a		Lung
rs42269	1339985	C : A	0.367	1.72E-08 ^a			0.88 (0.85-0.92)	1.02E-09 ^a		Lung
rs55901723	1342154	T : C	0.232	2.14E-05			0.88 (0.84-0.93)	2.94E-06 ^a		Lung
rs111986123 ^g	1342157	A : G	0.433	1.27E-09 ^a			0.88 (0.85-0.92)	8.03E-11 ^a		Lung
rs31489 ^g	1342714	C : A	0.433	1.71E-09 ^a			0.89 (0.86-0.92)	7.01E-11 ^a		Lung
rs31490 ^g	1344458	G : A	0.463	4.86E-09 ^a			0.89 (0.86-0.92)	3.49E-10 ^a		Lung
rs27996 ^g	1345474	A : G	0.451	1.11E-09 ^a			0.88 (0.85-0.92)	4.45E-11 ^a		Lung
rs27071 ^g	1346081	T : C	0.264	4.66E-10 ^a			0.86 (0.83-0.90)	2.37E-11 ^a		Lung
rs27069 ^g	1347128	C : T	0.458	8.91E-09 ^a			0.89 (0.85-0.92)	6.74E-10 ^a		Lung
rs27068 ^g	1347239	C : T	0.265	3.92E-10 ^a			0.86 (0.83-0.90)	1.87E-11 ^a		Lung
rs37010 ^g	1349535	A : G	0.450	3.06E-09 ^a			0.88 (0.85-0.92)	2.05E-10 ^a		Lung
rs37009 ^g	1350339	C : T	0.455	3.98E-09 ^a			0.88 (0.85-0.92)	2.61E-10 ^a		Lung
rs40182 ^g	1350397	G : A	0.457	3.71E-09 ^a			0.88 (0.85-0.92)	2.25E-10 ^a		Lung
rs37008 ^g	1351538	G : A	0.454	2.00E-09 ^a			0.88 (0.85-0.92)	1.29E-10 ^a		Lung
rs40181 ^g	1354462	G : T	0.455	2.00E-10 ^a			0.87 (0.84-0.91)	9.07E-12 ^a		Lung
rs37006 ^g	1355058	C : T	0.457	2.06E-10 ^a			0.87 (0.84-0.91)	9.93E-12 ^a		Lung
rs37005 ^g	1356450	C : T	0.460	1.98E-10 ^a			0.87 (0.84-0.91)	9.85E-12 ^a		Lung
rs37004 ^g	1356684	C : T	0.239	2.27E-11 ^a			0.84 (0.81-0.88)	1.29E-12 ^a		Lung
rs37003 ^g	1356771	A : C	0.458	3.17E-10 ^a			0.87 (0.84-0.91)	1.65E-11 ^a		Lung
rs115960372	1518494	C : T	0.104	6.94E-07 ^a	1.19 (1.1-1.27)	2.97E-06 ^a	0.90 (0.83-0.98)	1.29E-02		Prostate Lung
rs12655062	1890877	G : A	0.354	1.65E-06 ^a	1.12 (1.06-1.18)	3.53E-05	0.95 (0.92-0.98)	2.72E-03		Prostate Colorectal, Ovarian
rs4975759	1892455	A : G	0.417	8.65E-06 ^a	1.11 (1.06-1.17)	2.22E-05	0.96 (0.93-0.995)	2.53E-02 ^b		Prostate Colorectal, Ovarian
rs34695572	1892876	G : A	0.416	1.02E-05 ^a	1.11 (1.06-1.17)	3.03E-05	0.96 (0.93-0.994)	2.21E-02 ^b		Prostate Colorectal
<i>POT1</i> (Chr. 7)										
rs74986217	123465182	A : C	0.041	2.54E-04 ^a	1.31 (1.16-1.48)	2.17E-05 ^a				Ovarian
rs116895242	123946403	T : A	0.041	5.21E-05			0.83 (0.77-0.90)	6.99E-06 ^a		Colorectal, Ovarian, Lung
<i>TERF2</i> (Chr. 16)										
rs117496043 ^f	69590365	C : T	0.003	4.28E-05	1.66 (1.33-2.06)	6.14E-06 ^a				Prostate
<i>RTEL1</i> (Chr. 20)										
rs114220381 ^f	61477960	T : A	0.048	1.21E-04	1.31 (1.16-1.48)	1.13E-05 ^a				Prostate
rs34835912 ^c	62256843	G : A	0.015	4.28E-05			0.66 (0.54-0.79)	1.09E-05 ^a		Prostate
rs34978822 ^f	62291599	C : G	0.015	2.14E-05			0.71 (0.62-0.82)	3.17E-06 ^a		Prostate, Lung
rs35640778 ^g	62321128	G : A	0.013	5.02E-05			0.76 (0.68-0.86)	7.86E-06 ^a		Prostate, Ovarian, Lung
rs34507260	62353508	A : G	0.011	3.85E-05			0.76 (0.67-0.85)	5.97E-06 ^a		Prostate, Ovarian, Lung
rs147892781 ^{c,d}	62956822	G : A	0.070	1.63E-04			0.72 (0.62-0.83)	1.34E-05 ^a		Prostate

Abbreviations: OR- odds ratio; CI- confidence interval; Ref- reference; SNP- single nucleotide polymorphism; Chr.- chromosome.

^a Gene level P-value thresholds based on the number of effective tests are: *DCLER1B* P-value<2.65x10⁻⁵; *TERC* P-value<2.45x10⁻⁵; *GARI* P-value<2.44x10⁻⁵; *TERT-CLPTM1* P-value<1.32x10⁻⁵; *POT1* P-value<2.94x10⁻⁵; *TERF2* P-value<3.08x10⁻⁵; *RTEL1* P-value<1.86x10⁻⁵.

^b Positive or inversely associations with P-values between 0.01 and 0.05 are considered to be suggestive.

^c SNPs that are missing from reference (CGEMS and EAGLE) panel dataset.

^d ASSET meta-analytic results for these SNPs are based on 2 cancer types rather than all 5 studies.

^e ASSET meta-analytic results for these SNPs are based on 3 cancer types rather than all 5 studies.

^f ASSET meta-analytic results for these SNPs are based on 4 cancer types rather than all 5 studies.

^g SNPs that are directly measured and not imputed.

Supplementary Table 6. r^2 and D' correlations between SNPs identified from unconditional and conditional ASSET analysis

DLER1B	rs12144215	rs974404	rs2884603																					
rs12144215	1	0.975	0.826																					
rs974404	0.208	1	0.885																					
rs525862	0.209	0.559	1																					
TEBC	rs75316749	rs9809168	rs74677551	rs77964281	rs71277158	rs75313056	rs2901621	rs75982374	rs76925190	rs80304993	rs12487040	rs62293480	rs59758024	rs55953261	rs77085460	rs10804842	rs9865021	rs10936633	rs969217					
rs75316749	1	0.868	0.888	0.040	0.067	0.036	0.104	0.056	0.067	0.013	0.003	0.035	0.156	0.065	0.033	0.050	0.172	0.109	0.059					
rs9809168	0.492	1	0.743	0.028	0.031	0.027	0.038	0.006	0.031	0.085	0.105	0.035	0.067	0.056	0.611	0.034	0.149	0.113	0.053					
rs74677551	0.528	0.540	1	0.029	0.047	0.037	0.048	0.041	0.046	0.171	0.051	0.053	0.000	0.042	0.421	0.002	0.088	0.130	0.063					
rs77964281	0.001	0.000	0.000	1	0.891	0.908	0.828	0.540	0.699	0.679	0.691	0.557	0.770	0.338	0.725	0.648	0.755	0.464	0.656					
rs71277158	0.001	0.000	0.000	0.649	1	0.994	0.933	0.829	0.812	0.793	0.791	0.603	0.849	0.378	0.801	0.757	0.817	0.495	0.716					
rs75313056	0.001	0.000	0.000	0.511	0.500	1	0.944	0.823	0.816	0.776	0.728	0.516	0.791	0.324	0.788	0.751	0.780	0.445	0.683					
rs2901621	0.001	0.000	0.000	0.180	0.280	0.145	1	0.967	0.878	0.746	0.700	0.472	0.739	0.309	0.933	0.802	0.717	0.332	0.613					
rs75982374	0.001	0.000	0.000	0.270	0.517	0.455	0.226	1	1.000	0.975	0.973	0.937	0.961	0.405	0.970	0.926	0.929	0.565	0.887					
rs76925190	0.001	0.000	0.000	0.374	0.618	0.316	0.265	0.706	1	0.981	0.981	0.957	0.973	0.417	0.982	0.929	0.926	0.563	0.877					
rs80304993	0.000	0.000	0.000	0.243	0.407	0.197	0.277	0.462	0.664	1	1.000	0.977	0.995	0.394	0.994	0.873	0.827	0.506	0.336					
rs12487040	0.000	0.000	0.000	0.134	0.215	0.092	0.457	0.245	0.353	0.533	1	0.958	0.939	0.458	0.996	0.994	0.812	0.376	0.690					
rs62293480	0.000	0.000	0.000	0.013	0.019	0.007	0.036	0.035	0.051	0.078	0.140	1	0.993	0.293	1.000	0.917	0.740	0.319	0.417					
rs59758024	0.001	0.000	0.000	0.074	0.110	0.048	0.260	0.106	0.154	0.234	0.391	0.174	1	0.674	1.000	0.965	0.923	0.585	0.854					
rs55953261	0.000	0.000	0.000	0.018	0.028	0.010	0.058	0.024	0.036	0.047	0.119	0.019	0.356	1	0.403	0.464	0.612	0.196	0.343					
rs77085460	0.000	0.001	0.000	0.205	0.205	0.392	0.089	0.399	0.289	0.204	0.109	0.107	0.049	0.010	1	0.997	0.992	0.452	0.968					
rs10804842	0.000	0.000	0.000	0.199	0.333	0.166	0.355	0.376	0.537	0.686	0.527	0.076	0.244	0.072	0.185	1	0.994	0.418	0.758					
rs9865021	0.001	0.001	0.000	0.079	0.113	0.052	0.271	0.110	0.155	0.179	0.325	0.107	0.768	0.326	0.053	0.288	1	0.652	0.914					
rs10936633	0.001	0.000	0.001	0.033	0.046	0.019	0.064	0.045	0.063	0.074	0.077	0.022	0.278	0.031	0.012	0.056	0.384	1	0.617					
rs969217	0.000	0.000	0.000	0.117	0.170	0.078	0.364	0.197	0.272	0.809	0.459	0.027	0.335	0.069	0.099	0.327	0.427	0.215	1					
TEBT	rs6861230	rs33961405	rs7725218	rs7713218	rs7717443	rs35029535	rs10866498	rs2736100	rs2853677	rs2736099	rs2736098	rs2735940	rs2736109	rs2735948	rs2735944	rs35953391	rs3816659	rs36019446	rs55901723	rs37005	rs37004	rs115960372	rs12655062	
rs6861230	1	0.032	0.007	0.065	0.015	0.051	0.008	0.028	0.100	0.048	0.033	0.029	0.001	0.004	0.081	0.000	0.007	0.022	0.191	0.052	0.096	0.036	0.038	
rs33961405	0.000	1	0.684	0.537	0.012	0.510	0.319	0.460	0.515	0.500	0.341	0.504	0.163	0.085	0.484	0.540	0.111	0.041	0.382	0.107	0.549	0.063	0.001	
rs7725218	0.000	0.299	1	0.997	0.145	0.995	0.627	0.612	0.536	0.493	0.171	0.676	0.020	0.022	0.439	0.537	0.071	0.021	0.270	0.058	0.523	0.179	0.040	
rs7713218	0.000	0.285	0.644	1	0.298	0.996	0.671	0.482	0.504	0.535	0.170	0.523	0.007	0.017	0.529	0.199	0.026	0.029	0.119	0.020	0.243	0.115	0.016	
rs7717443	0.000	0.000	0.014	0.088	1	0.089	0.654	0.488	0.021	0.016	0.034	0.003	0.062	0.032	0.095	0.108	0.047	0.037	0.095	0.037	0.084	0.057	0.026	
rs35029535	0.000	0.153	0.373	0.578	0.005	1	0.620	0.325	0.403	0.433	0.034	0.389	0.289	0.204	0.606	0.325	0.140	0.063	0.060	0.150	0.352	0.138	0.003	
rs10866498	0.000	0.096	0.237	0.420	0.419	0.240	1	0.709	0.290	0.271	0.075	0.281	0.028	0.014	0.255	0.102	0.011	0.035	0.024	0.015	0.115	0.139	0.005	
rs2736100	0.000	0.190	0.215	0.206	0.231	0.069	0.477	1	0.556	0.570	0.326	0.484	0.171	0.069	0.294	0.327	0.087	0.007	0.146	0.079	0.311	0.152	0.034	
rs2853677	0.001	0.230	0.212	0.223	0.000	0.083	0.069	0.240	1	0.837	0.683	0.922	0.368	0.251	0.919	0.877	0.294	0.033	0.403	0.249	0.817	0.163	0.011	
rs2736099	0.000	0.158	0.240	0.183	0.000	0.070	0.044	0.184	0.511	1	0.685	0.933	0.351	0.276	0.915	0.876	0.330	0.113	0.522	0.293	0.811	0.257	0.048	
rs2736098	0.000	0.047	0.019	0.012	0.000	0.000	0.002	0.038	0.217	0.300	1	0.999	0.927	0.853	0.953	0.948	0.862	0.335	0.907	0.757	0.923	0.151	0.076	
rs2735940	0.000	0.213	0.245	0.234	0.000	0.106	0.070	0.219	0.618	0.462	0.338	1	0.521	0.262	0.957	0.945	0.330	0.057	0.439	0.286	0.884	0.095	0.021	
rs2736109	0.000	0.019	0.000	0.000	0.002	0.035	0.001	0.019	0.110	0.110	0.491	0.161	1	0.893	0.979	0.965	0.843	0.399	0.896	0.753	0.907	0.280	0.054	
rs2735948	0.000	0.005	0.000	0.000	0.001	0.035	0.000	0.004	0.038	0.034	0.205	0.057	0.395	1	0.958	0.777	0.782	0.505	0.570	0.813	0.760	0.140	0.037	
rs2735944	0.000	0.038	0.020	0.045	0.002	0.101	0.011	0.016	0.119	0.086	0.060	0.178	0.111	0.214	1	0.997	0.998	0.446	0.325	0.963	0.952	0.024	0.034	
rs35953391	0.000	0.075	0.047	0.010	0.003	0.046	0.003	0.031	0.171	0.124	0.093	0.272	0.168	0.221	0.633	1	0.998	0.453	0.558	0.961	0.940	0.007	0.028	
rs3816659	0.000	0.009	0.002	0.001	0.002	0.016	0.000	0.006	0.053	0.049	0.212	0.092	0.355	0.604	0.230	0.360	1	0.588	0.758	0.959	0.959	0.149	0.040	
rs36019446	0.000	0.002	0.000	0.001	0.001	0.002	0.001	0.000	0.001	0.008	0.047	0.003	0.117	0.171	0.031	0.050	0.234	1	0.499	0.584	0.461	0.075	0.018	
rs55901723	0.000	0.026	0.008	0.003	0.002	0.001	0.000	0.004	0.025	0.031	0.060	0.041	0.102	0.084	0.096	0.219	0.146	0.043	1	0.755	0.586	0.257	0.058	
rs37005	0.000	0.009	0.002	0.000	0.001	0.017	0.000	0.005	0.041	0.042	0.178	0.075	0.308	0.601	0.196	0.307	0.845	0.252	0.133	1	0.992	0.120	0.040	
rs37004	0.000	0.090	0.052	0.017	0.002	0.063	0.004	0.032	0.173	0.124	0.103	0.278	0.174	0.247	0.494	0.757	0.388	0.061	0.206	0.382	1	0.099	0.023	
rs115960372	0.001	0.000	0.002	0.001	0.000	0.003	0.002	0.003	0.002	0.004	0.001	0.001	0.006	0.003	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.000	1	
rs12655062	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.001	0.001	1
POT1	rs74986217	rs116895242																						
rs74986217	1	0.007																						
rs116895242	0.000	1																						
RTEL1	rs114220581	rs34978822																						
rs114220581	1	0.031																						
rs34978822	0.001	1																						

D' values are highlighted in gray and presented in the upper half of the matrix.

r^2 values are listed in the lower half portion of the matrix

Supplementary Table 7. Correlated SNPs ($r^2 > 0.70$) among statistically significant unconditional ASSET variants

Telomere Gene Region Examined	Independent SNP (position)	Correlated SNP	SNP position	r^2	Actual Gene That Correlated SNP Lies or Distance (kb) from Transcription Start or Stop Site
<i>DCLRE1B</i>	rs12144215 (114187155)				
		rs12144215	114187155	1.000	<i>MAGI3</i>
		rs17359281	114185959	1.000	<i>MAGI3</i>
		rs192524208	114166133	1.000	<i>MAGI3</i>
		rs76726048	114206699	1.000	<i>MAGI3</i>
		rs79220465	114171341	1.000	<i>MAGI3</i>
		rs79667495	114191329	1.000	<i>MAGI3</i>
		rs2146018	114195330	0.999	<i>MAGI3</i>
		rs3761934	114189067	0.999	<i>MAGI3</i>
		rs41352847	114189880	0.999	<i>MAGI3</i>
		rs4838993	114135133	0.999	<i>MAGI3</i>
		rs4839329	114135705	0.999	<i>MAGI3</i>
		rs75374178	114181948	0.999	<i>MAGI3</i>
		rs76308249	114147681	0.999	<i>MAGI3</i>
		rs78703286	114148115	0.999	<i>MAGI3</i>
		rs146441240	114179903	0.998	<i>MAGI3</i>
		rs147272614	114143966	0.998	<i>MAGI3</i>
		rs17274627	114217395	0.998	<i>MAGI3</i>
		rs17359378	114216709	0.998	<i>MAGI3</i>
		rs4838994	114151606	0.998	<i>MAGI3</i>
		rs75419513	114132796	0.998	<i>MAGI3</i>
		rs80348557	114151116	0.998	<i>MAGI3</i>
		rs111408799	114153375	0.998	<i>MAGI3</i>
		rs4839331	114161631	0.997	<i>MAGI3</i>
		rs76617814	114171234	0.997	<i>MAGI3</i>
		rs77042378	114209101	0.997	<i>MAGI3</i>
		rs6678422	114204700	0.996	<i>MAGI3</i>
		rs4839332	114162191	0.995	<i>MAGI3</i>
		rs4839336	114234145	0.994	214kb 3' of <i>DCLRE1B</i>
		rs74524050	114231207	0.994	217kb 3' of <i>DCLRE1B</i>
		rs77551704	114235186	0.994	212kb 3' of <i>DCLRE1B</i>
		rs77892281	114163617	0.993	<i>MAGI3</i>
		rs76038270	114238920	0.991	209kb 3' of <i>DCLRE1B</i>
		rs78874053	114242873	0.985	<i>PHTF1</i>
		rs17031795	114255828	0.984	<i>PHTF1</i>
		rs4589108	114259625	0.984	<i>PHTF1</i>
		rs4839341	114271662	0.984	<i>PHTF1</i>
		rs75564289	114255664	0.984	<i>PHTF1</i>
		rs4393155	114274247	0.983	<i>PHTF1</i>
		rs75290614	114242872	0.983	<i>PHTF1</i>
		rs4839000	114280135	0.982	<i>PHTF1</i>
		rs4839330	114137582	0.982	<i>MAGI3</i>
		rs75296543	114138286	0.982	<i>MAGI3</i>
		rs76112502	114149696	0.982	<i>MAGI3</i>
		rs78394484	114282758	0.982	<i>PHTF1</i>
		rs79198040	114288691	0.981	<i>PHTF1</i>
		rs17359468	114242706	0.980	<i>PHTF1</i>
		rs78483697	114276709	0.979	<i>PHTF1</i>
		rs147962667	114116029	0.976	<i>MAGI3</i>

	rs76752412	114115827	0.971	<i>MAGI3</i>
	rs113081027	114118802	0.970	<i>MAGI3</i>
	rs114207498	114104354	0.967	<i>MAGI3</i>
	rs4839327	114096499	0.966	<i>MAGI3</i>
	rs75926636	114104765	0.965	<i>MAGI3</i>
	rs116480529	114116744	0.959	<i>MAGI3</i>
	rs75159321	114114947	0.953	<i>MAGI3</i>
	rs150091562	114113597	0.952	<i>MAGI3</i>
	rs74533448	114292888	0.950	<i>PHTF1</i>
	rs74610368	114285303	0.950	<i>PHTF1</i>
	rs7514649	114079822	0.949	<i>MAGI3</i>
	rs75746385	114300892	0.946	<i>PHTF1</i>
	rs17508449	114085145	0.931	<i>MAGI3</i>
	rs79381435	114085676	0.929	<i>MAGI3</i>
	rs78552134	114269666	0.928	<i>PHTF1</i>
	rs17461918	114081444	0.924	<i>MAGI3</i>
	rs4839333	114219161	0.887	<i>MAGI3</i>
	rs112390378	114298509	0.860	<i>PHTF1</i>
rs974404 (114382025)				
	rs974404	114382025	1.000	<i>AP4B1-AS1, PTPN22</i>
	rs1217378	114345418	0.999	<i>RSBN1</i>
	rs1217405	114392632	0.999	<i>AP4B1-AS1, PTPN22</i>
	rs1217406	114393153	0.999	<i>AP4B1-AS1, AP4B1</i>
	rs1217411	114356125	0.999	<i>AP4B1-AS1, PTPN22, RSBN1</i>
	rs1310182	114373503	0.999	<i>AP4B1-AS1, PTPN22</i>
	rs1217379	114344083	0.998	<i>RSBN1</i>
	rs1217418	114401231	0.996	<i>AP4B1-AS1, PTPN22</i>
	rs1217419	114401904	0.996	<i>AP4B1-AS1, PTPN22</i>
	rs1217420	114402751	0.996	<i>AP4B1-AS1, PTPN22</i>
	rs1217385	114418205	0.940	<i>AP4B1-AS1</i>
	rs6665194	114417843	0.936	<i>AP4B1-AS1</i>
rs7523862 (114443419)				
	rs7523862	114443419	1.000	<i>AP4B1-AS1, AP4B1</i>
	rs3789613	114443035	1.000	<i>AP4B1-AS1, AP4B1</i>
	rs10858022	114446341	0.999	<i>AP4B1, DCLRE1B</i>
	rs6661817	114447034	0.998	<i>AP4B1, DCLRE1B</i>
	rs10776775	114436482	0.997	<i>AP4B1-AS1, AP4B1</i>
	rs10745340	114436970	0.995	<i>AP4B1-AS1, AP4B1</i>
	rs2884603	114427450	0.995	<i>AP4B1-AS1, BCL2L15</i>
	rs7524200	114426824	0.995	<i>AP4B1-AS1, BCL2L15</i>
	rs1217392	114433970	0.994	<i>AP4B1-AS1</i>

TERC

rs75316749 (168761423)				
	rs75316749	168761423	1.000	721kb 3' of <i>TERC</i>
	rs115002293	168759557	0.991	723kb 3' of <i>TERC</i>
	rs41521447	168752932	0.991	723kb 3' of <i>TERC</i>
	rs149662262	168766924	0.988	715kb 3' of <i>TERC</i>
	rs75963875	168760144	0.986	722kb 3' of <i>TERC</i>
	rs79788196	168742937	0.979	739kb 3' of <i>TERC</i>
rs9809168 (168803900)				
	rs9809168	168803900	1.000	<i>MECOM</i>
	rs9826964	168807413	0.969	<i>MECOM</i>
	rs9809633	168804217	0.790	<i>MECOM</i>
rs74677551 (168861788)				
	rs74677551	168861788	1.000	<i>MECOM</i>
	rs1488099	168860991	1.000	<i>MECOM</i>

	rs16853245	168862731	1.000	<i>MECOM</i>
	rs16853073	168774723	0.738	708kb 3' of <i>TERC</i>
	rs77194710	168769537	0.738	713kb 3' of <i>TERC</i>
	rs76488289	168764394	0.734	718kb 3' of <i>TERC</i>
	rs79934920	168761663	0.734	721kb 3' of <i>TERC</i>
	rs78325057	168749123	0.732	733kb 3' of <i>TERC</i>
	rs10513655	168747022	0.725	735kb 3' of <i>TERC</i>
	rs117527757	168743017	0.725	739kb 3' of <i>TERC</i>
	rs74329725	168747355	0.725	735kb 3' of <i>TERC</i>
	rs16853003	168736130	0.722	746kb 3' of <i>TERC</i>
	rs75835734	168720540	0.719	<i>LOC105374201</i>
rs77964281 (169916180)	rs77964281	169916180	1.000	433kb 5' of <i>TERC</i>
	rs113351200	169915772	0.983	433kb 5' of <i>TERC</i>
	rs12493954	169909941	0.981	427kb 5' of <i>TERC</i>
	rs6762609	169916919	0.981	434kb 5' of <i>TERC</i>
	rs77216745	169913020	0.979	430kb 5' of <i>TERC</i>
	rs76336713	169911957	0.978	429kb 5' of <i>TERC</i>
	rs9757709	169906407	0.969	424kb 5' of <i>TERC</i>
	rs77248289	169905625	0.968	423kb 5' of <i>TERC</i>
	rs112269654	169903667	0.967	421kb 5' of <i>TERC</i>
	rs113438612	169901726	0.952	419kb 5' of <i>TERC</i>
	rs12488988	169879860	0.948	<i>PHC3</i>
	rs16854875	169899667	0.948	<i>PHC3</i>
	rs3772186	169889331	0.948	<i>PHC3</i>
	rs6763396	169876765	0.948	<i>PHC3</i>
	rs73879182	169879695	0.948	<i>PHC3</i>
	rs74643988	169883365	0.948	<i>PHC3</i>
	rs76146702	169868720	0.948	<i>PHC3</i>
	rs79389383	169858228	0.948	<i>PHC3</i>
	rs79518241	169890738	0.948	<i>PHC3</i>
	rs12492606	169808354	0.947	<i>PHC3</i>
	rs17236830	169891246	0.947	<i>PHC3</i>
	rs2241292	169798962	0.947	<i>GPR160</i>
	rs58417766	169833247	0.947	<i>LOC105374209, PHC3</i>
	rs6781454	169823096	0.947	<i>LOC105374209, PHC3</i>
	rs6786022	169864154	0.947	<i>PHC3</i>
	rs6808506	169839239	0.947	<i>LOC105374209, PHC3</i>
	rs6809214	169864096	0.947	<i>PHC3</i>
	rs73879173	169845604	0.947	<i>PHC3</i>
	rs73879178	169872834	0.947	<i>PHC3</i>
	rs7615039	169806170	0.947	<i>PHC3</i>
	rs7618919	169860239	0.947	<i>PHC3</i>
	rs16854836	169804730	0.946	<i>PHC3</i>
	rs6785202	169830459	0.946	<i>LOC105374209, PHC3</i>
	rs73030653	169841926	0.946	<i>PHC3</i>
	rs7638400	169837787	0.946	<i>LOC105374209, PHC3</i>
	rs879161	169812115	0.946	<i>PHC3</i>
	rs12493804	169799704	0.945	<i>GPR160</i>
	rs56241439	169830174	0.945	<i>LOC105374209, PHC3</i>
	rs76646441	169885103	0.945	<i>PHC3</i>
	rs113687726	169867464	0.944	<i>PHC3</i>
	rs57150274	169874634	0.944	<i>PHC3</i>
	rs73879180	169874968	0.944	<i>PHC3</i>
	rs888507	169811039	0.943	<i>PHC3</i>
	rs12497114	169799521	0.942	<i>GPR160</i>

	rs61493476	169887831	0.940	<i>PHC3</i>
	rs80038349	169844718	0.939	<i>PHC3</i>
	rs16854848	169822201	0.935	<i>LOC105374209, PHC3</i>
	rs76146592	169789234	0.911	<i>GPR160</i>
	rs2287478	169788105	0.907	<i>GPR160</i>
	rs2287479	169787423	0.901	<i>GPR160</i>
	rs2255256	169785903	0.891	<i>GPR160</i>
	rs56316750	169782754	0.878	<i>GPR160</i>
	rs17471922	169779394	0.860	<i>GPR160</i>
	rs73879167	169776194	0.804	<i>GPR160</i>
	rs113968946	169773657	0.803	<i>GPR160</i>
	rs73879163	169770802	0.803	<i>GPR160</i>
	rs16854812	169774383	0.802	<i>GPR160</i>
	rs2287482	169765795	0.802	<i>GPR160</i>
	rs7631178	169766424	0.802	<i>GPR160</i>
	rs7651554	169768485	0.802	<i>GPR160</i>
	rs11925129	169775228	0.799	<i>GPR160</i>
	rs73879164	169770924	0.798	<i>GPR160</i>
	rs3772178	169773833	0.796	<i>GPR160</i>
	rs60355509	169754180	0.790	<i>GPR160</i>
	rs2287483	169756846	0.789	<i>GPR160</i>
	rs111477446	169759112	0.788	<i>GPR160</i>
	rs59249820	169755545	0.784	<i>GPR160</i>
	rs73879159	169753747	0.761	<i>GPR160</i>
	rs2160902	169752927	0.736	270kb 5' of <i>TERC</i>
	rs75286521	169748803	0.730	266kb 5' of <i>TERC</i>
	rs111367602	169748004	0.728	265kb 5' of <i>TERC</i>
	rs16854778	169748111	0.728	265kb 5' of <i>TERC</i>
rs71277158 (169999216)	rs71277158	169999216	1.000	<i>PRKCI</i>
	rs56257047	169988286	0.994	<i>PRKCI</i>
	rs73879193	170018499	0.754	<i>PRKCI</i>
rs75313056 (170017609)	rs75313056	170017609	1.000	<i>PRKCI</i>
	rs77112641	169962533	0.940	<i>PRKCI</i>
	rs140861594	169971557	0.918	<i>PRKCI</i>
rs2901621 (170057704)	rs2901621	170057704	1.000	575kb 5' of <i>TERC</i>
	rs4955720	170028600	0.913	546kb 5' of <i>TERC</i>
	rs6444914	170061756	0.707	579kb 5' of <i>TERC</i>
	rs6444912	170061629	0.704	579kb 5' of <i>TERC</i>
rs75982374 (170063227)	rs75982374	170063227	1.000	580kb 5' of <i>TERC</i>
	rs148376875	170126707	0.871	<i>LOC105374210</i>
rs76925190 (170066339)	rs76925190	170066339	1.000	583kb 5' of <i>TERC</i>
	rs78416326	170074517	0.868	<i>SKIL</i>
	3:170092057	170092057	0.845	<i>SKIL</i>
	rs61436251	170083629	0.841	<i>SKIL</i>
rs80304993 (170097606)	rs80304993	170097606	1.000	<i>SKIL</i>
rs12487040 (170103592)	rs12487040	170103592	1.000	<i>SKIL</i>
	rs11720323	170104013	1.000	<i>SKIL</i>
	rs1045210	170114078	0.998	<i>SKIL</i>
	rs4582064	170095914	0.997	<i>SKIL</i>

	rs6768083	170120253	0.884	637kb 5' of <i>TERC</i>
	rs12486850	170122676	0.882	640kb 5' of <i>TERC</i>
	rs2421927	170121153	0.882	638kb 5' of <i>TERC</i>
	rs6762828	170122872	0.882	640kb 5' of <i>TERC</i>
	rs6444923	170122784	0.879	640kb 5' of <i>TERC</i>
	rs6444924	170123048	0.879	640kb 5' of <i>TERC</i>
	rs12488537	170124354	0.873	642kb 5' of <i>TERC</i>
	rs12491115	170125604	0.873	643kb 5' of <i>TERC</i>
	rs7644073	170126670	0.869	<i>LOC105374210</i>
	rs12634437	170126305	0.868	643kb 5' of <i>TERC</i>
	rs13071543	170127919	0.862	<i>LOC105374210</i>
	rs62293498	170132824	0.827	<i>LOC105374210</i>
	rs35763188	170133401	0.824	<i>LOC105374210</i>
	rs62293497	170126565	0.805	<i>LOC105374210</i>
	rs13096001	170128750	0.796	<i>LOC105374210</i>
	rs62293499	170140153	0.778	<i>CLDN11, MIR6828</i>
	rs2422035	170145272	0.772	<i>CLDN11</i>
	rs6770844	170150812	0.766	<i>CLDN11, LOC105374214</i>
	rs9815664	170069655	0.712	587kb 5' of <i>TERC</i>
rs62293480 (170106672)				
	rs62293480	170106672	1.000	<i>SKIL</i>
rs59758024 (170119352)				
	rs59758024	170119352	1.000	637kb 5' of <i>TERC</i>
	rs62293481	170109434	0.910	<i>SKIL</i>
	rs61212679	170098439	0.884	<i>SKIL</i>
	rs10804839	170071783	0.796	589kb 5' of <i>TERC</i>
	rs10804840	170071807	0.796	589kb 5' of <i>TERC</i>
	rs17826519	170062936	0.732	580kb 5' of <i>TERC</i>
rs55953261 (170121598)				
	rs55953261	170121598	1.000	639kb 5' of <i>TERC</i>
	rs56121376	170123144	0.999	640kb 5' of <i>TERC</i>
	rs10936632	170130102	0.969	<i>LOC105374210</i>
rs77085460 (170127536)				
	rs77085460	170127536	1.000	<i>LOC105374210</i>
rs10804842 (170135700)				
	rs10804842	170135700	1.000	<i>CLDN11, LOC105374210</i>
rs9865021 (170146881)				
	rs9865021	170146881	1.000	<i>CLDN11</i>
	rs6794467	170147991	0.997	<i>CLDN11</i>
	rs7610584	170153183	0.986	<i>LOC105374214</i>
	rs9811071	170156832	0.805	<i>LOC105374214</i>
rs10936633 (170158128)				
	rs10936633	170158128	1.000	<i>LOC105374214</i>
rs969217 (170159134)				
	rs969217	170159134	1.000	<i>LOC105374214</i>
	rs1035298	170160493	0.913	<i>LOC105374214</i>
GARI				
rs17042238 (111745854)				
	rs17042238	111745854	1.000	1000kb 5' of <i>GARI</i>
TERT-CLPTMIL				
rs6861230 (304003)				
	rs6861230	304003	1.000	<i>PDCD6</i>
rs33961405 (1277577)				
	rs33961405	1277577	1.000	<i>TERT</i>
rs7725218 (1282414)				
	rs7725218	1282414	1.000	<i>TERT</i>

	rs7726159	1282319	0.931	<i>TERT</i>
	rs4449583	1284135	0.909	<i>TERT</i>
	rs7705526	1285974	0.733	<i>TERT</i>
rs7713218 (1283312)				
	rs7713218	1283312	1.000	<i>TERT</i>
rs7717443 (1283486)				
	rs7717443	1283486	1.000	<i>TERT</i>
rs35029535 (1284976)				
	rs35029535	1284976	1.000	<i>TERT</i>
rs10866498 (1285162)				
	rs10866498	1285162	1.000	<i>TERT</i>
rs2736100 (1286516)				
	rs2736100	1286516	1.000	<i>TERT</i>
rs2853677 (1287194)				
	rs2853677	1287194	1.000	<i>TERT</i>
rs2736099 (1287340)				
	rs2736099	1287340	1.000	<i>TERT</i>
rs2736098 (1294086)				
	rs2736098	1294086	1.000	<i>TERT</i>
	rs2853669	1295349	0.812	<i>TERT</i>
	rs2736108	1297488	0.744	2kb 5' of <i>TERT</i>
rs2735940 (1296486)				
	rs2735940	1296486	1.000	<i>TERT</i>
	rs2853672	1292983	0.991	<i>TERT</i>
rs2736109 (1296759)				
	rs2736109	1296759	1.000	<i>TERT</i>
rs2735948 (1299213)				
	rs2735948	1299213	1.000	4kb 5' of <i>TERT</i>
rs2735944 (1304432)				
	rs2735944	1304432	1.000	9kb 5' of <i>TERT</i>
	rs186156459	1307647	0.979	12kb 5' of <i>TERT</i>
	rs2735947	1299392	0.775	4kb 5' of <i>TERT</i>
rs35953391 (1312329)				
	rs35953391	1312329	1.000	6kb 3' of <i>CLPTMIL</i>
	rs36115365	1313242	1.000	5kb 3' of <i>CLPTMIL</i>
	rs7446461	1306521	0.88	11kb 3' of <i>CLPTMIL</i>
	rs4635969	1308552	0.76	9kb 3' of <i>CLPTMIL</i>
rs3816659 (1317820)				
	rs3816659	1317820	1.000	<i>CLPTMIL</i>
	rs383009	1327851	0.974	<i>CLPTMIL</i>
	rs414965	1324121	0.974	<i>CLPTMIL</i>
	rs381949	1322468	0.970	<i>CLPTMIL</i>
	rs111986123	1342157	0.963	<i>CLPTMIL</i>
	rs31489	1342714	0.956	<i>CLPTMIL</i>
	rs28379291	1313701	0.885	4kb 3' of <i>CLPTMIL</i>
	rs10078017	1314009	0.884	4kb 3' of <i>CLPTMIL</i>
	rs4975615	1315343	0.882	3kb 3' of <i>CLPTMIL</i>
	rs6866783	1312020	0.879	6kb 3' of <i>CLPTMIL</i>
	rs465498	1325803	0.865	<i>CLPTMIL</i>
	rs370348	1331219	0.863	<i>CLPTMIL</i>
	rs452384	1330840	0.863	<i>CLPTMIL</i>
	rs452932	1330253	0.863	<i>CLPTMIL</i>
	rs2447853	1333077	0.862	<i>CLPTMIL</i>
	rs455433	1336243	0.861	<i>CLPTMIL</i>
	rs460073	1336459	0.861	<i>CLPTMIL</i>
	rs13178866	1323212	0.858	<i>CLPTMIL</i>

	rs421284	1325590	0.858	<i>CLPTMIL</i>
	rs456366	1337070	0.858	<i>CLPTMIL</i>
	rs467095	1336221	0.858	<i>CLPTMIL</i>
	rs421629	1320136	0.857	<i>CLPTMIL</i>
	rs380286	1320247	0.853	<i>CLPTMIL</i>
	rs401681	1322087	0.849	<i>CLPTMIL</i>
	rs31490	1344458	0.838	<i>CLPTMIL</i>
	rs61574973	1309168	0.804	<i>MIR4457</i>
	rs4404721	1306165	0.801	12kb 3' of <i>CLPTMIL</i>
	rs4530805	1306331	0.793	12kb 3' of <i>CLPTMIL</i>
	rs13355267	1312935	0.778	5kb 3' of <i>CLPTMIL</i>
	rs13356727	1312457	0.778	5kb 3' of <i>CLPTMIL</i>
	rs4975616	1315660	0.778	2kb 3' of <i>CLPTMIL</i>
	rs6866294	1311693	0.774	6kb 3' of <i>CLPTMIL</i>
	rs42269	1339985	0.744	<i>CLPTMIL</i>
	rs2735945	1303901	0.720	14kb 3' of <i>CLPTMIL</i>
	rs2736102	1302144	0.714	16kb 3' of <i>CLPTMIL</i>
	rs2853666	1302914	0.714	15kb 3' of <i>CLPTMIL</i>
	rs60622800	1309904	0.704	<i>MIR4457</i>
	rs6554758	1310152	0.704	<i>MIR4457</i>
rs36019446 (1339890)				
	rs36019446	1339890	1.000	<i>CLPTMIL</i>
rs55901723 (1342154)				
	rs55901723	1342154	1.000	<i>CLPTMIL</i>
rs37005 (1356450)				
	rs37005	1356450	1.000	11kb 5' of <i>CLPTMIL</i>
	rs37003	1356771	0.979	12kb 5' of <i>CLPTMIL</i>
	rs37006	1355058	0.967	10kb 5' of <i>CLPTMIL</i>
	rs40181	1354462	0.963	9kb 5' of <i>CLPTMIL</i>
	rs37009	1350339	0.932	5kb 5' of <i>CLPTMIL</i>
	rs40182	1350397	0.932	5kb 5' of <i>CLPTMIL</i>
	rs37008	1351538	0.931	6kb 5' of <i>CLPTMIL</i>
	rs37010	1349535	0.925	4kb 5' of <i>CLPTMIL</i>
	rs27069	1347128	0.922	<i>CLPTMIL</i>
	rs27996	1345474	0.916	<i>CLPTMIL</i>
rs37004 (1356684)				
	rs37004	1356684	1.000	12kb 5' of <i>CLPTMIL</i>
	rs380145	1328897	0.893	<i>CLPTMIL</i>
	rs451360	1319680	0.887	<i>CLPTMIL</i>
	rs13170453	1317481	0.882	<i>CLPTMIL</i>
	rs27071	1346081	0.751	<i>CLPTMIL</i>
	rs27068	1347239	0.749	2kb 5' of <i>CLPTMIL</i>
rs115960372 (1518494)				
	rs115960372	1518494	1.000	<i>LPCAT1</i>
rs12655062 (1890988)				
	rs12655062	1890877	1.000	<i>CTD-2194D22.4</i>
	rs4975759	1892455	0.748	<i>CTD-2194D22.4</i>
	rs34695572	1892876	0.746	<i>CTD-2194D22.4</i>
<hr/>				
POT1				
rs74986217 (123465182)				
	rs74986217	123465182	1.000	997kb 3' of <i>POT1</i>
rs116895242 (123946403)				
	rs116895242	123946403	1.000	516kb 3' of <i>POT1</i>
<hr/>				
TERF2				
rs117496043 (69590365)				
	rs117496043	69590365	1.000	170kb 5' of <i>TERF2</i>

RTEL1

rs114220381 (61477960)				
	rs114220381	61477960	1.000	<i>TCFL5</i>
rs34978822 (62291599)				
	rs34978822	62291599	1.000	<i>RTEL1</i>
	rs35640778	62321128	0.964	<i>RTEL1</i>
	rs34507260	62353508	0.880	<i>ZGPAT</i>
	rs34835912	62256843	0.794	<i>LOC100505771</i>
