

SUPPLEMENTAL MATERIAL

Supplemental Table 1 – Assays and instruments used by each study to measure C-reactive protein levels in participants.

Study	Assay					
ARIC	Latex particle enhanced immunoturbidimetric assay - hsCRP					
CHS	High sensitivity ELISA and Latex-enhanced nephelometry					
CARDIA	High Sensitivity CRP - particle enhanced immunonephelometry					
SHS	ELISA developed in-house using purified CRP and anti-CRP antibodies from Calbiochem					
EAGLE	Latex-enhanced nephelometry (N High Sensitivity CRP assay)					
WHI	Immunoturbidimetric assay with reagents and calibrators (Denka Seiken Co Ltd, Niigata, Japan)					
	Dade Behring N Latex High Sensitivity hsCRP mono assay					
MEC	CRP High Sensitivity latex particle enhanced immunoturbidimetric assay (POINTE Scientific)					
Study	Instrument					
ARIC						
CHS	BN II nephelometer (Dade Behring Inc.)					
CARDIA	BNII nephelometer from Siemens					
SHS						
EAGLE	BN II nephelometer (Dade Behring Inc.)					
WHI	Hitachi 911; Roche Diagnostics, Indianapolis, Indiana					
	Behring Nephelometer II (Dade Behring Inc., Newark, Delaware)					
MEC	Cobas MiraPlus CC clinical autoanalyzer (Roche Diagnostics)					
Study	Unit of measurement	Limit of detection	Measured in a single lab?	Repeated measurements for same visit?	Repeated measurements for subsequent visits?	Coefficients of variation for repeated measures
ARIC	mg/dL	0.05 mg/dL	Yes		No	19.2%, 421 pairs
CHS	mg/L	0.18 mg/L	Yes	Limited	Yes	8.9% (assay), 5% (instrument)
CARDIA	ug/mL		Yes	No	Yes	average 1.6 - 6.7%
SHS	mg/L		Yes			8%
EAGLE	mg/dL	0.01 mg/dL	Yes	No	No	range 4.9 - 7.8%
WHI	mg/L		Yes	No	No	1.61%
	mg/L		No	No	No	
MEC	mg/dL	0.1 mg/dL	Yes	No	No	3 - 5%

Supplemental Table 2 – Demographic and epidemiologic characteristics of study populations used in this analysis (by study and race/ethnicity).

Measure / Unit	Race/Ethnicity	WHI	EAGLE	MEC	ARIC	CARDIA	CHS	SHS	Total
Sample size n	European American	6889	4001	277	8774	1754	3263	.	24958
	African American	1809	1350	481	2529	1495	807	.	8471
	Hispanic	778	1877	280	.	.	.	.	2935
	Asian/Pacific Islander	425	.	555	.	.	.	.	980
	American Indian	.	.	.	.	.	.	3129	3129
	Overall	9901	7228	1593	11303	3249	4070	3129	40473
CRP (mg/dL) Median (IQR)	European American	2.9 (1.2 - 4.3)	2.3 (0.9 - 4.9)	1.0 (0.4 - 2.2)	2.3 (1.0 - 5.0)	1.0 (0.5 - 2.6)	1.7 (0.9 - 3.0)	.	
	African American	2.8 (0.9 - 6.7)	2.8 (1.0 - 6.7)	1.3 (0.5 - 3.2)	3.6 (1.4 - 7.7)	2.0 (0.7 - 5.2)	2.5 (1.3 - 5.7)	.	
	Hispanic	3.1 (1.5 - 6.0)	2.5 (1.0 - 5.4)	1.2 (0.5 - 2.5)	.	.	.	.
	Asian/Pacific Islander	1.0 (0.5 - 2.1)	.	0.5 (0.2 - 1.0)	.	.	.	.
	American Indian	.	.	.	.	.	.	3.9 (1.9 - 8.3)	
	Overall	2.9 (1.3 - 6.0)	2.5 (1.0 - 5.4)	0.8 (0.3 - 2.1)	2.5 (1.1 - 5.5)	1.4 (0.6 - 3.8)	1.8 (0.9 - 3.3)	3.9 (1.9 - 8.3)	
Age (years) Mean (SD)	European American	67.3 (6.9)	52.4 (19.5)	59.8 (8.2)	63.1 (5.6)	40.7 (3.4)	72.3 (5.4)	.	
	African American	62.0 (7.2)	47.5 (17.3)	62.9 (7.4)	61.8 (5.7)	39.6 (3.8)	72.9 (5.6)	.	
	Hispanic	61.0 (7.0)	45.8 (17.7)	61.5 (6.7)	.	.	.	.
	Asian/Pacific Islander	65.6 (7.4)	.	59.8 (8.5)	.	.	.	.
	American Indian	.	.	.	.	.	.	39.3 (16.4)	
	Overall	65.7 (7.4)	49.8 (18.9)	61.0 (7.9)	62.8 (5.7)	40.2 (3.6)	72.4 (5.4)	39.3 (16.4)	
Female %	European American	100.0%	51.1%	36.6%	53.5%	53.0%	60.1%	.	
	African American	100.0%	52.4%	19.8%	64.1%	58.3%	62.60%	.	
	Hispanic	100.0%	51.7%	30.4%	.	.	.	.
	Asian/Pacific Islander	100.0%	.	42.5%	.	.	.	.
	American Indian	.	.	.	.	.	.	61.5%	

	Overall	100.0%	51.5%	32.5%	55.9%	55.4%	61.1%	61.5%
BMI (SD) kg/m ²	European American	28.4 (6.4)	27.8 (5.9)	26.5 (5.2)	28.3 (5.3)	27.1 (5.5)	26.3 (4.4)	.
	African American	32.0 (7.5)	29.7 (7.3)	27.8 (4.9)	30.6 (6.4)	30.5 (7.0)	28.5 (5.5)	.
	Hispanic	29.2 (6.4)	28.6 (5.6)	27.6 (4.2)	.	.	.	.
	Asian/Pacific Islander	24.8 (4.4)	.	25.4 (4.1)	.	.	.	.
	American Indian	.	.	.	.	.	.	32.35 (7.9)
	Overall	29.0 (6.7)	28.4 (6.2)	26.7 (4.7)	28.8 (5.6)	28.7 (6.5)	26.7 (4.7)	32.35 (7.9)
Smoking % Current / % Former	European American	7.5 / 42.6%	25.8 / 28.9%	8.7 / 52.7%	14.1 / 45.8%	16.1 / 23.4%	11.3 / 40.9%	.
	African American	10.0 / 39.4%	34.6 / 15.7%	24.2 / 44.9%	17.6 / 35.0%	28.3 / 11.7%	16.0 / 35.2%	.
	Hispanic	5.5 / 28.0%	20.5 / 23.5%	15.2 / 44.0%	.	.	.	.
	Asian/Pacific Islander	3.3 / 25.2%	.	10.5 / 43.3%	.	.	.	.
	American Indian	.	.	.	.	.	.	34 / 23.3%
	Overall	7.6 / 40.1%	26.1 / 25.0%	15.1 / 45.6%	14.8 / 43.4%	21.7 / 18.0%	12.2 / 39.7%	34 / 23.3%
HRT % Current / % Former	European American	34.2 / 17.8%	31.9% *	37.3 / 33.3%	29.5 / † %	‡	28.9 / 13.1%	.
	African American	25.3 / 14.0%	15.3% *	14.0 / 36.6%	17.3 / † %	‡	17.2 / 7.3%	.
	Hispanic	39.1 / 12.0%	16.1% *	28.2 / 25.9%	.	.	.	.
	Asian/Pacific Islander	48.9 / 14.1%	.	31.5 / 31.1%	.	.	.	.
	American Indian	.	.	.	.	.	.	9.8 / 11.4%
	Overall	33.7 / 16.5%	24.6% *	28.9 / 31.7%	26.4 / † %	‡	16.2 / 7.3%	9.8 / 11.4%

* EAGLE did not have a way of identifying former hormone therapy usage

† ARIC does not have reliable information for former HRT use

‡ CARDIA participants were in their 30's and 40's at time of CRP measurement, so no HRT information is available

Supplemental Table 3 – SNPs evaluated for an association with C-reactive protein. Previous trait association refers to the trait for which the association was originally found associated, as of the literature in 2008. For each study, 1 indicates that the SNP was genotyped and included in this analysis.

SNP	Gene	Coded allele	Previous trait association	# Studies	ARIC	CARDIA	CHS	EAGLE	MEC	SHS	WHI
rs1049092	ARMS2/LCT		Age-related macular	1	.	.	.	1	.	.	.
rs1061170	CFH	C	Age-related macular	1	.	.	.	1	.	.	.
rs1049876		C	Body mass index	1	.	.	.	1	.	.	.
rs1091346	SEC16B/R/C		Body mass index	1	.	.	.	.	1	.	.
rs1121980	FTO	A	Body mass index	1	.	.	.	.	1	.	.
rs1297013	MC4R	A	Body mass index	3	.	.	1	1	.	.	.
rs1333026	13q21.32	A	Body Mass Index	3	.	.	1	.	.	.	1
rs1778231	MCR4	C	Body Mass Index	6	1	.	1	1	1	.	1
rs29941	CHST8,	A	Body mass index	1	.	.	.	.	1	.	.
rs6013029		T	Body Mass Index	2	.	.	.	1	.	.	1
rs6265	LGR4/LIN7	T	Body mass index	2	.	.	.	1	1	.	.
rs6548238	TMEM18	T	Body mass index	4	.	.	1	1	.	.	1
rs6602024	PFKP	A	Body mass index	1	.	.	.	1	.	.	.
rs925946	LGR4/LIN7	T	Body mass index	1	.	.	.	.	1	.	.
rs1083873	MTCH2	G	Body Mass Index	5	.	.	1	1	1	.	1
rs1093839	GNPDA2	G	Body Mass Index	3	.	.	.	1	1	.	1
rs1108475	KCTD15	A	Body Mass Index	5	.	.	1	1	1	.	1
rs2815752	NEGR1	G	Body Mass Index	5	.	.	1	1	1	.	1
rs3751812	FTO	T	Body Mass Index	4	.	.	1	.	1	.	1
rs7498665	SH2B1	G	Body Mass Index	5	.	.	1	1	1	.	1
rs7566605	INSIG2	C	Body Mass Index	1	.	.	.	1	.	.	.
rs9939609	FTO	A	Body Mass Index	3	.	.	1	.	1	.	.
rs7138803	BCDIN3D/	A	Body mass index, W	1	.	.	.	.	1	.	.
rs1038304	ESR1	G	Bone mineral densit	1	.	.	.	1	.	.	.
rs1107748	SOST	C	Bone mineral densit	1	.	.	.	1	.	.	.
rs1513670		T	Bone mineral densit	1	.	.	.	1	.	.	.
rs1999805	ESR1	G	Bone mineral densit	1	.	.	.	1	.	.	.
rs3018362	TNFRSF11	A	Bone mineral densit	1	.	.	.	1	.	.	.
rs3130340	MHC	C	Bone mineral densit	1	.	.	.	1	.	.	.
rs3736228	LRP5	T	Bone mineral densit	1	.	.	.	1	.	.	.
rs3771362	PLCL1	T	Bone mineral densit	1	.	.	.	1	.	.	.
rs4355801	TNFRSF11	G	Bone mineral densit	1	.	.	.	1	.	.	.
rs4870044	ESR1	T	Bone mineral densit	1	.	.	.	1	.	.	.
rs6469804	OPG	G	Bone mineral densit	1	.	.	.	1	.	.	.
rs6929137	ESR1	A	Bone mineral densit	1	.	.	.	1	.	.	.
rs6993813	OPG	C	Bone mineral densit	1	.	.	.	1	.	.	.
rs7220711	SOST	G	Bone mineral densit	1	.	.	.	1	.	.	.
rs7524102		G	Bone mineral densit	1	.	.	.	1	.	.	.
rs7595412	PLCL1	G	Bone mineral densit	1	.	.	.	1	.	.	.
rs9479055	ESR1	C	Bone mineral densit	1	.	.	.	1	.	.	.
rs9594738	RANKL	T	Bone mineral densit	1	.	.	.	1	.	.	.
rs9594759	RANKL	T	Bone mineral densit	1	.	.	.	1	.	.	.
rs2981582	FGFR2	A	Breast Cancer	1	.	.	.	.	.	.	1
rs429358	APOE	C	Cardiovascular Disea	2	.	.	.	.	1	.	1
rs499818	Chr6	A	Cardiovascular Disea	3	.	.	1	.	.	.	1
rs6857	PVRL2	T	Cardiovascular Disea	1	.	.	.	1	.	.	.
rs7412	APOE	T	Cardiovascular Disea	2	.	.	.	.	1	.	1
rs1333049	CDKN2A/C		Coronary Artery Dise	4	.	.	1	1	.	.	1
rs1722821	SMAD3	C	Coronary Artery Dise	2	.	.	.	1	.	.	1
rs1746563	MIA3	A	Coronary Artery Dise	1	.	.	.	.	.	.	1

SNP	Gene	Coded allele	Previous trait association	# Studies	ARIC	CARDIA	CHS	EAGLE	MEC	SHS	WHI
rs1767213	FMN2	C	Coronary Artery Disease	2	1	.	.	1	.	.	.
rs2943634	2q36.3	A	Coronary Artery Disease	1	.	.	.	.	.	.	1
rs501120	CXCL12	C	Coronary Artery Disease	1	.	.	.	.	.	.	1
rs599839	CELSR2/PSG	G	Coronary Artery Disease	6	1	.	1	1	1	.	1
rs6922269	MTHFD1L	A	Coronary Artery Disease	1	.	.	.	.	.	.	1
rs8055236	CDH13	T	Coronary Artery Disease	3	.	.	1	1	.	.	.
rs2144300	GALNT2	C	Coronary Heart Disease	5	.	.	1	1	1	.	1
rs2383206	9p21	A	Coronary Heart Disease	2	.	.	.	1	.	.	1
rs2549513	Chr16	C	Coronary Heart Disease	3	.	.	1	.	.	.	1
rs268	LPL	G	Coronary Heart Disease	1	.	.	.	.	.	.	1
rs1077821	12q23	T	C-reactive Protein	2	1	.	.	1	.	.	.
rs1205	CRP	T	C-reactive Protein	2	1	.	.	1	.	.	.
rs1417938	CRP	A	C-reactive Protein	1	.	.	.	1	.	.	.
rs1554606	IL6	G	C-reactive Protein	2	1	.	.	1	.	.	.
rs1800795	IL6	G	C-reactive Protein	1	.	.	.	1	.	.	.
rs1800947	CRP	G	C-reactive Protein	2	1	.	.	1	.	.	.
rs1892534	LEPR	T	C-reactive Protein	2	1	.	.	1	.	.	.
rs2228145	IL6R	C	C-reactive Protein	5	1	1	1	1	.	.	.
rs3093058	CRP	T	C-reactive Protein	2	1	.	.	1	.	.	.
rs4131568	CRP	T	C-reactive Protein	2	1	.	.	1	.	.	.
rs7310409	HNF1A	A	C-reactive Protein	1	.	.	.	1	.	.	.
rs780094	GCKR	T	C-reactive Protein	6	1	1	1	1	1	.	.
rs1024405		G	Glucose	1	.	.	.	1	.	.	.
rs1736674	ADIPOQ	C	Glucose	1	.	.	.	1	.	.	.
rs560887	G6PC2	T	Glucose	1	.	.	.	1	.	.	.
rs563694	G6PC2	C	Glucose	1	.	.	.	1	.	.	.
rs1088512	ADRA2A	T	Glucose/HOMA-B	1	.	.	.	.	1	.	.
rs1155847	SLC30A8	G	Glucose/HOMA-B	1	.	.	.	.	1	.	.
rs1160592	CRY2	C	Glucose/HOMA-B	1	.	.	.	.	1	.	.
rs174550	FADS1	C	Glucose/HOMA-B	1	.	.	.	.	1	.	.
rs4506565	TCF7L2	T	Glucose/HOMA-B	1	.	.	.	.	1	.	.
rs7034200	GLIS3	C	Glucose/HOMA-B	1	.	.	.	.	1	.	.
rs7944584	MADD	T	Glucose/HOMA-B	1	.	.	.	.	1	.	.
rs2877716	ADCY5	T	Glucose/OGTT/T2D	1	.	.	.	.	1	.	.
rs1689097	SLC2A9	T	Gout	1	.	.	1	.	.	.	.
rs2231142	ABCG2	T	Gout	3	.	.	1	1	.	.	.
rs1046801	LIPC	T	HDL Cholesterol	1	.	.	.	1	.	.	.
rs1050366	LPL	A	HDL Cholesterol	1	.	.	.	1	.	.	.
rs1259677	CETP	G	HDL Cholesterol	2	.	.	.	1	1	.	.
rs1267891	LPL	G	HDL Cholesterol	1	.	.	.	1	.	.	.
rs1323432	GRIN3A	G	HDL Cholesterol	1	.	.	.	1	.	.	.
rs1566439	CETP	C	HDL Cholesterol	4	.	.	1	1	1	.	.
rs173539	CETP	T	HDL Cholesterol	1	.	.	.	1	.	.	.
rs174547	FADS1	C	HDL Cholesterol	3	.	.	.	1	1	.	1
rs1800588	LIPC	T	HDL Cholesterol	1	.	.	.	1	.	.	.
rs1800777	CETP	A	HDL Cholesterol	1	.	.	.	1	.	.	.
rs1800961	HNF4A	T	HDL Cholesterol	6	1	1	1	1	1	.	.
rs1864163	CETP	A	HDL Cholesterol	3	1	.	.	1	1	.	.
rs1883025	ABCA1	T	HDL Cholesterol	2	.	.	.	1	1	.	.
rs2083637	LPL	G	HDL Cholesterol	3	.	.	1	1	.	.	.
rs2156552	LIPG	A	HDL Cholesterol	5	.	.	1	1	1	.	1
rs2197089	LPL	G	HDL Cholesterol	5	.	.	1	1	1	.	1
rs2217332	HERPUD1	A	HDL Cholesterol	3	.	.	1	1	.	.	.
rs2271293	LCAT	A	HDL Cholesterol	3	.	.	1	.	.	.	1

SNP	Gene	Coded allele	Previous trait associated	# Studies	ARIC	CARDIA	CHS	EAGLE	MEC	SHS	WHI
rs2338104	MMAB/M	C	HDL Cholesterol	4	.	.	1	1	1	.	.
rs255049	LCAT	C	HDL Cholesterol	1	.	.	.	1	.	.	.
rs261332	LIPC	A	HDL Cholesterol	2	.	.	.	1	1	.	.
rs2892768	APOA1/C3	G	HDL Cholesterol	6	1	1	1	1	.	.	1
rs2967605	ANGPTL4	T	HDL Cholesterol	3	.	.	1	1	.	.	.
rs3135506	APOA1/C3	C	HDL Cholesterol	3	.	.	1	1	.	.	.
rs328	LPL	G	HDL Cholesterol	5	.	.	1	1	1	.	1
rs3764261	CETP	A	HDL Cholesterol	5	.	.	1	1	1	.	1
rs3890182	ABCA1	A	HDL Cholesterol	5	.	.	1	1	1	.	1
rs3905000	ABCA1	A	HDL Cholesterol	3	.	.	1	1	.	.	.
rs4149268	ABCA1	T	HDL Cholesterol	3	.	.	.	1	1	.	1
rs4149274	ABCA1	A	HDL Cholesterol	1	.	.	.	1	.	.	.
rs471364	TTC39B	C	HDL Cholesterol	4	.	.	1	1	1	.	.
rs4939883	LIPG	T	HDL Cholesterol	3	.	.	1	1	.	.	.
rs6586891	LPL	C	HDL Cholesterol	5	.	.	1	1	1	.	1
rs6754295	APOB	G	HDL Cholesterol	2	.	.	1	.	.	.	.
rs711752	CETP	A	HDL Cholesterol	1	.	.	.	1	.	.	.
rs7120118	NR1H3	C	HDL Cholesterol	3	.	.	1	1	.	.	.
rs7205804	CETP	A	HDL Cholesterol	1	.	.	.	.	.	.	1
rs7395662	MADD-FO	A	HDL Cholesterol	3	.	.	1	1	.	.	.
rs7679	PLTP	C	HDL Cholesterol	1	.	.	.	1	.	.	.
rs9282541	ABCA1	T	HDL Cholesterol	1	.	.	.	1	.	.	.
rs964184	APOA1	G	HDL Cholesterol	4	1	.	.	1	1	.	1
rs9891572		T	HDL Cholesterol	3	.	.	1	1	.	.	.
rs9989419	CETP	A	HDL Cholesterol	5	.	.	1	1	1	.	1
rs2494250	MCP/1	G	Inflammation	1	.	.	.	.	.	.	1
rs4128725	MCP/1	C	Inflammation	1	.	.	.	.	.	.	1
rs6732914	GCG	C	Inflammation	1	.	.	.	.	.	.	1
rs1118579	PANK1	A	Insulin	1	.	.	.	1	.	.	.
rs35767	IGF1	T	insulin/HOMA-IR/IG	1	.	.	.	.	1	.	.
rs1048677		A	Ischemic stroke	3	.	.	1	.	.	.	1
rs1799963	Prothromb	A	Ischemic stroke	1	.	.	.	.	.	.	1
rs1801133	MTHFR/C6	A	Ischemic stroke	3	.	.	1	.	.	.	1
rs6025	F5	T	Ischemic stroke	2	1	.	.	.	.	.	1
rs7506045	IMPA2	T	Ischemic stroke	3	.	.	1	.	.	.	1
rs783396	AIM1	A	Ischemic stroke	3	.	.	1	.	.	.	1
rs9536591		C	Ischemic stroke	3	.	.	1	.	.	.	1
rs4821480	MHY9	G	Kidney disease	3	.	.	1	1	.	.	.
rs102275	FADS1-FA	C	LDL Cholesterol	3	.	.	1	1	.	.	.
rs1040196	NCAN	C	LDL Cholesterol	2	.	.	.	1	1	.	.
rs1040227	APOE/C1	G	LDL Cholesterol	4	.	.	1	1	1	.	.
rs1120651	PCSK9	C	LDL Cholesterol	4	.	.	1	1	.	.	1
rs1159114	PCSK9	T	LDL Cholesterol	6	1	.	1	1	1	.	1
rs1265426	HMGCR	T	LDL Cholesterol	5	.	.	1	1	1	.	1
rs1269538	B4GALT4	G	LDL Cholesterol	2	.	.	.	1	1	.	.
rs1274037	CELSR2	T	LDL Cholesterol	1	.	.	.	1	.	.	.
rs1501908	TIMD4	G	LDL Cholesterol	2	.	.	.	1	1	.	.
rs1529729	LDLR	C	LDL Cholesterol	3	.	.	1	1	.	.	.
rs1535	FADS1-FA	G	LDL Cholesterol	3	.	.	1	1	.	.	.
rs1699614	CILP2/PBX	T	LDL Cholesterol	5	.	.	1	1	1	.	1
rs174537	FADS1-FA	T	LDL Cholesterol	3	.	.	1	1	.	.	.
rs174570	FADS2/3	T	LDL Cholesterol	4	.	.	1	1	1	.	.
rs2075650	TOMM40	G	LDL Cholesterol	5	1	.	1	1	1	.	.
rs2228671	LDLR	T	LDL Cholesterol	5	1	.	1	1	1	.	.
rs2650000	HNFB1A	A	LDL Cholesterol	6	1	1	1	1	1	.	.
rs3846662	HMGCR	G	LDL Cholesterol	3	.	.	1	1	.	.	.

SNP	Gene	Coded allele	Previous trait associated	# Studies	ARIC	CARDIA	CHS	EAGLE	MEC	SHS	WHI
rs3846663	HMGCR	T	LDL Cholesterol	1	.	.	.	1	.	.	.
rs4420638	APOE/C1/G	G	LDL Cholesterol	5	1	.	1	1	.	.	1
rs4591370	APOB	A	LDL Cholesterol	1	.	.	.	1	.	.	.
rs4605275	BCAM	T	LDL Cholesterol	2	.	.	1	.	.	.	.
rs4803750	BCL3	G	LDL Cholesterol	4	.	.	1	1	1	.	.
rs488507	APOB	G	LDL Cholesterol	1	.	.	.	1	.	.	.
rs4970834	CELSR2/PST	T	LDL Cholesterol	1	.	.	.	1	.	.	.
rs515135	APOB	T	LDL Cholesterol	1	.	.	.	1	.	.	.
rs562338	APOB	A	LDL Cholesterol	5	.	.	1	1	1	.	1
rs602633	CELSR2/PST	T	LDL Cholesterol	1	.	.	.	1	.	.	.
rs6102059	MAFB	T	LDL Cholesterol	2	.	.	.	1	1	.	.
rs646776	CELSR2/PST	C	LDL Cholesterol	6	1	.	1	1	1	.	1
rs6511720	LDLR	T	LDL Cholesterol	7	1	1	1	1	1	.	1
rs6544713	ABCGB	T	LDL Cholesterol	3	.	.	.	1	1	.	1
rs6756629	ABCG5	A	LDL Cholesterol	3	.	.	1	1	.	.	.
rs693	APOB	A	LDL Cholesterol	6	.	1	1	1	1	.	1
rs754523	APOB	G	LDL Cholesterol	4	.	.	1	1	.	.	1
rs7575840	APOB	T	LDL Cholesterol	1	.	.	.	1	.	.	.
rs1075727	CDKN2A/C	A	Myocardial infarction	4	.	.	1	1	.	.	1
rs2383207	CDKN2A/C	G	Myocardial infarction	4	.	.	1	1	.	.	1
rs2383208	CDKN2A/C	G	Myocardial infarction	5	.	.	1	1	1	1	1
rs4804611	ZNF627	G	Myocardial infarction	1	.	.	.	.	.	.	1
rs4977574	CDKN2A, C	A	Myocardial infarction	1	.	.	.	.	.	.	1
rs1106683	7q32.3	A	Obesity	1	.	.	.	.	.	.	1
rs8050136	FTO	A	Obesity	6	1	.	1	1	1	1	1
rs9930506	FTO	G	Obesity	2	.	.	.	.	1	.	1
rs9941349	FTO	T	Obesity	1	.	.	.	.	1	.	.
rs1421085	FTO	C	Obesity, Waist circumference	1	.	.	.	.	1	.	.
rs7935346		A	Osteoporotic fracture	1	.	.	.	1	.	.	.
rs1242579	NINJ2	A	Stroke	1	.	.	.	.	.	.	1
rs2200733	PITX2/TIF1	T	Stroke	3	.	.	1	.	.	.	1
rs2304130	NCAN	G	Total cholesterol	3	.	.	1	1	.	.	.
rs6987702	TRIB1	C	Total cholesterol	3	.	.	1	1	.	.	.
rs1009663	LPL	T	Triglycerides	2	.	.	1	.	.	.	.
rs1088935	ANGPTL3	C	Triglycerides	4	.	.	1	1	1	.	.
rs1112712	RBKS/GCK	G	Triglycerides	1	.	.	.	1	.	.	.
rs1213033	ANGPTL3	T	Triglycerides	3	.	.	1	1	.	.	.
rs1214069	LOC40079	T	Triglycerides	1	.	.	.	1	.	.	.
rs1227200	APOA1/C3	A	Triglycerides	3	.	.	1	1	.	.	.
rs1228603	APOA5/A4	T	Triglycerides	2	1	.	.	1	.	.	.
rs1260326	GCKR	T	Triglycerides	6	1	.	1	1	1	.	1
rs1471233		T	Triglycerides	2	.	.	.	1	1	.	.
rs1558861	APOA1/C3	C	Triglycerides	1	.	.	.	1	.	.	.
rs1714573	MLXIPL	T	Triglycerides	5	.	.	1	1	1	.	1
rs1721652	NCAN	T	Triglycerides	1	.	.	.	1	.	.	.
rs1732151	TRIB1	G	Triglycerides	1	.	.	.	1	.	.	.
rs1741091	LPL	A	Triglycerides	1	.	.	.	1	.	.	.
rs1748195	ANGPTL3	G	Triglycerides	3	.	.	.	1	1	.	1
rs1748275	LPL	T	Triglycerides	1	.	.	.	1	.	.	.
rs2000571	APOA1/C3	A	Triglycerides	4	1	.	1	1	.	.	.
rs2074755	BAZ1B	C	Triglycerides	1	.	.	.	1	.	.	.
rs2075292	APOA1	G	Triglycerides	3	.	.	1	1	.	.	.
rs2954029	TRIB1	T	Triglycerides	4	1	.	.	1	1	.	1

SNP	Gene	Coded allele	Previous trait association	# Studies	ARIC	CARDIA	CHS	EAGLE	MEC	SHS	WHI
rs4740635		C	Triglycerides	1	.	.	.	1	.	.	.
rs4775041	LIPC	C	Triglycerides	5	.	.	1	1	1	.	1
rs486394	APOA1/C3	C	Triglycerides	1	.	.	.	1	.	.	.
rs6589566	APOA1/C3	G	Triglycerides	1	.	.	.	1	.	.	.
rs673548	APOB	A	Triglycerides	3	.	.	1	1	.	.	.
rs714052	MLXIPL	G	Triglycerides	3	.	.	1	1	.	.	.
rs7557067	APOB	G	Triglycerides	1	.	.	.	1	.	.	.
rs7819412	XKR6	G	Triglycerides	1	.	.	.	1	.	.	.
rs7861175		C	Triglycerides	1	.	.	.	1	.	.	.
rs1001013	WFS1	A	Type 2 Diabetes	3	.	.	1	.	.	1	1
rs1049772	Chr2	A	Type 2 Diabetes	1	.	.	.	.	.	.	1
rs1081166	CDKN2A/C	C	Type 2 Diabetes	4	.	.	1	1	.	1	1
rs1083096	MTNR1B	G	Type 2 Diabetes	3	.	.	.	1	1	.	1
rs1092393	NOTCH2	T	Type 2 Diabetes	5	.	.	1	1	1	1	1
rs1094639	CDKAL1	C	Type 2 Diabetes	2	.	.	1	.	.	1	.
rs1111875	HHEX/IDE	T	Type 2 Diabetes	5	.	.	1	1	1	1	1
rs1113132	EXT2	C	Type 2 diabetes	1	.	.	.	1	.	.	.
rs1244069	C2CDB4	C	Type 2 Diabetes	1	.	.	.	.	1	.	.
rs1251809	LOC72901,	G	Type 2 Diabetes	1	.	.	.	.	1	.	.
rs1277979	CDC123/C	G	Type 2 Diabetes	5	.	.	1	1	1	1	1
rs1326663	SLC30A8	T	Type 2 Diabetes	5	.	.	1	1	1	1	1
rs1470579	IGF2BP2	C	Type 2 diabetes	3	.	.	1	1	.	.	.
rs1801282	PPARG	G	Type 2 Diabetes	5	.	.	1	1	1	1	1
rs2074196	KCNQ1	T	Type 2 Diabetes	1	.	.	.	.	1	.	.
rs2237892	KCNQ1	T	Type 2 Diabetes	3	.	.	1	.	1	.	.
rs2237895	KCNQ1	C	Type 2 Diabetes	2	.	.	.	1	1	.	.
rs2237897	KCNQ1	T	Type 2 Diabetes	2	.	.	.	1	1	.	.
rs2943641	LOC64673,	T	Type 2 Diabetes	1	.	.	.	.	1	.	.
rs4402960	IGF2BP2	T	Type 2 Diabetes	5	.	.	1	1	1	1	1
rs4607103	ADAMTS9	T	Type 2 Diabetes	5	.	.	1	1	1	1	1
rs4689388	WFS1, PPF	G	Type 2 Diabetes	1	.	.	.	.	1	.	.
rs4712523	CDKAL1	G	Type 2 Diabetes	4	.	.	1	1	.	.	1
rs4760920	TSPAN8	C	Type 2 Diabetes	3	.	.	1	.	.	.	1
rs5215	KCNJ11	C	Type 2 Diabetes	4	1	.	1	.	.	1	1
rs5219	KCNJ11	T	Type 2 Diabetes	4	.	.	1	1	.	1	1
rs564398	CDKN2A/C	C	Type 2 Diabetes	1	.	.	.	.	.	.	1
rs7480010	LOC38776,	G	Type 2 diabetes	3	.	.	1	1	.	.	.
rs7578597	THADA	C	Type 2 Diabetes	4	.	.	1	1	.	1	1
rs7754840	CDKAL1	C	Type 2 Diabetes	2	.	.	.	1	1	.	.
rs7901695	TCF7L2	C	Type 2 Diabetes	4	.	.	1	1	.	1	1
rs7903146	TCF7L2	T	Type 2 Diabetes	5	.	.	1	1	1	1	1
rs7923837	HHEX	A	Type 2 diabetes	3	.	.	1	1	.	.	.
rs7961581	TSPAN8/L	C	Type 2 Diabetes	4	.	.	1	1	1	1	.
rs864745	JAZF1	C	Type 2 Diabetes	5	.	.	1	1	1	1	1
rs1170806	ADCY5	G	Type 2 Diabetes; Glu	1	.	.	.	.	1	.	.
rs2191349	DGKB-TM	T	Type 2 Diabetes; Glu	1	.	.	.	.	1	.	.
rs340874	PROX1	A	Type 2 Diabetes; Glu	1	.	.	.	.	1	.	.
rs6855911	GLUT9	G	Uric acid	1	.	.	.	1	.	.	.
rs7442295	SLC2A9	G	Uric acid	1	.	.	.	1	.	.	.
rs1014699	NRXN3	G	Waist circumference	1	.	.	.	.	1	.	.
rs545854	MSRA	C	Waist circumference	1	.	.	.	.	1	.	.
rs987237	TFAP2B	G	Waist circumference	1	.	.	.	.	1	.	.
rs2605100	LYPLAL1	A	Waist/hip in women	1	.	.	.	.	1	.	.
				Total	30	7	113	196	103	19	94

Supplemental Table 4 – Number of participants available for SNP analyses across studies for each race/ethnicity group. A * indicates that results were excluded due to <100 participants.

SNP	European American	African American	Hispanic	Asian/Pacific Islander	American Indian	OVERALL
rs10010131	6820	2597	777	422	3129	13745
rs10096633	3244	590	.	.	.	3834
rs10146997	255	450	251	527	.	1483
rs102275	7199	1920	1856	.	.	10975
rs10244051	3966	1330	1853	.	.	7149
rs1038304	3957	1328	1856	.	.	7141
rs10401969	4223	1780	2117	529	.	8649
rs10402271	7436	2370	2100	527	.	12433
rs10468017	3949	1333	1862	.	.	7144
rs10486776	10049	2386	776	422	*	13633
rs10490924	3958	1328	1871	.	.	7157
rs10497721	6817	1799	777	422	*	9815
rs10498767	3915	1322	1841	.	.	7078
rs10503669	3946	1320	1867	.	.	7133
rs1061170	3827	1280	1832	.	.	6939
rs10757278	13948	3923	2642	422	*	20935
rs10778213	18056	5412	1858	.	.	25326
rs10811661	13961	3922	2620	422	3129	24054
rs10830963	7943	2996	2503	632	*	14074
rs10838738	14279	4181	2907	942	*	22309
rs10885122	258	454	257	527	.	1496
rs10889353	7432	2375	2100	528	.	12435
rs10913469	259	454	257	525	.	1495
rs10923931	14231	4378	2891	951	3129	25580
rs10938397	10992	4339	2869	932	*	19132
rs10946398	3193	800	.	.	3129	7122
rs1106683	6819	1799	777	422	*	9817
rs1107748	3958	1326	1856	.	.	7140
rs11084753	14210	4378	2891	950	*	22429
rs1111875	14264	4154	2876	949	3129	25372
rs11127129	3955	1329	1855	.	.	7139
rs1113132	3964	1330	1859	.	.	7153
rs11185790	3961	1331	1858	.	.	7150
rs11206510	13994	3938	2649	422	*	21003
rs1121980	255	454	255	525	.	1489
rs11558471	259	456	256	528	.	1499
rs11591147	22665	6717	2874	943	*	33199
rs11605924	259	454	257	529	.	1499
rs11708067	259	454	255	527	.	1495
rs1205	12400	3669	1842	.	.	17911
rs12130333	7178	1916	1859	.	.	10953

SNP	European American	African American	Hispanic	Asian/Pacific Islander	American Indian	OVERALL
rs12140698	3962	1329	1861	.	.	7152
rs12272004	7185	1914	1861	.	.	10960
rs12286037	12408	3669	1862	.	.	17939
rs12425791	4178	1614	725	388	*	6905
rs12440695	255	453	255	527	.	1490
rs12518099	259	452	255	527	.	1493
rs12596776	4170	1758	2096	526	.	8550
rs1260326	22661	6506	2873	951	*	32991
rs12654264	14205	4361	2870	943	*	22379
rs12678919	3966	1336	1861	.	.	7163
rs12695382	4228	1789	2119	527	.	8663
rs12740374	3959	1321	1860	.	.	7140
rs12779790	14216	4378	2887	948	3129	25558
rs12970134	7198	1914	1856	.	.	10968
rs1323432	3941	1320	1842	.	.	7103
rs13266634	14269	2358	2886	523	3129	23165
rs1333026	10051	2389	777	421	*	13638
rs1333049	13969	3923	2635	422	*	20949
rs1417938	3943	1328	1845	.	.	7116
rs1421085	252	444	245	516	.	1457
rs1470579	7187	1908	1855	.	.	10950
rs1471233	4215	1785	2116	525	.	8641
rs1501908	4205	2568	2113	524	.	9410
rs1513670	3960	1331	1859	.	.	7150
rs1529729	7170	1908	1838	.	.	10916
rs1535	7199	1922	1856	.	.	10977
rs1554606	12292	3667	1585	.	.	17544
rs1558861	3967	1330	1860	.	.	7157
rs1566439	7440	2357	2106	526	.	12429
rs16890979	.	802	.	.	.	802
rs16996148	14220	4375	2891	948	*	22434
rs17145738	14237	4385	2905	948	*	22475
rs17216525	3971	1336	1862	.	.	7169
rs17228212	10783	3129	2637	422	*	16971
rs17321515	3951	1328	1854	.	.	7133
rs173539	3652	1175	1696	.	.	6523
rs17366743	3937	1321	1844	.	.	7102
rs17410914	3966	1331	1858	.	.	7155
rs174537	7209	1917	1853	.	.	10979

SNP	European	African	Hispanic	Asian/Pacific	American		
	American	American		Islander	Indian		OVERALL
rs174547	11002	4389	2893	526	*		18810
rs174550	255	454	252	523	.		1484
rs174570	7453	2372	2107	528	.		12460
rs17465637	6821	1798	777	422	*		9818
rs1748195	10991	3577	2906	948	*		18422
rs17482753	3961	1327	1857	.	.		7145
rs17672135	12365	3677	1856	.	.		17898
rs17782313	21563	6504	2900	946	*		31913
rs1799963	6812	1799	777	422	*		9810
rs1800588	3946	1319	1842	.	.		7107
rs1800777	3970	1330	1861	.	.		7161
rs1800795	3940	1325	1851	.	.		7116
rs1800947	12404	3676	1842	.	.		17922
rs1800961	17660	6222	2117	523	.		26522
rs1801133	10050	2387	777	422	*		13636
rs1801282	14212	4371	2874	948	3129		25534
rs1864163	12672	4126	2113	525	.		19436
rs1883025	4211	1769	2114	526	.		8620
rs1892534	11344	3471	1851	.	.		16666
rs1999805	3955	1323	1857	.	.		7135
rs2000571	15678	4271	1859	.	.		21808
rs2074196	259	454	256	529	.		1498
rs2074755	3961	1331	1855	.	.		7147
rs2075292	7205	1916	1853	.	.		10974
rs2075650	15926	4729	2119	528	.		23302
rs2083637	7197	1919	1860	.	.		10976
rs2144300	14137	4370	2908	944	*		22359
rs2156552	14226	4384	2892	946	*		22448
rs2191349	258	452	256	528	.		1494
rs2197089	14221	4383	2898	947	*		22449
rs2200733	10065	2389	777	422	*		13653
rs2217332	7187	1916	1840	.	.		10943
rs2228145	17184	5942	1841	.	.		24967
rs2228671	15900	4724	2101	523	.		23248
rs2231142	7203	1918	1872	.	.		10993
rs2237892	3494	1033	253	523	.		5303
rs2237895	4193	1779	2122	519	.		8613
rs2237897	3961	1670	1992	529	.		8152
rs2271293	10059	2388	777	422	*		13646
rs2304130	7206	1921	1859	.	.		10986
rs2338104	7422	2585	2127	526	.		12660

SNP	European	African	Hispanic	Asian/Pacific	American		
	American	American		Islander	Indian		OVERALL
rs2383206	10766	3126	2633	422	*		16947
rs2383207	13981	1926	2625	*	*		18532
rs2383208	14265	4157	2891	946	3129		25388
rs2494250	6820	1799	776	422	*		9817
rs2549513	9995	2379	777	422	*		13573
rs255049	3966	1331	1859	.	.		7156
rs2605100	257	454	254	529	.		1494
rs261332	3987	1675	2016	511	.		8189
rs2650000	16506	5983	2125	500	.		25114
rs268	6818	1799	777	422	*		9816
rs2815752	14257	4174	2895	946	*		22272
rs2877716	233	433	243	515	.		1424
rs28927680	24095	7694	2632	422	*		34843
rs2943634	6783	1791	774	421	*		9769
rs2943641	258	456	255	528	.		1497
rs2954029	19480	5931	2889	949	*		29249
rs2967605	7135	2136	1853	.	.		11124
rs2981582	6820	1799	777	422	*		9818
rs29941	251	437	247	512	.		1447
rs3018362	3955	1331	1854	.	.		7140
rs3093058	12420	3680	1842	.	.		17942
rs3130340	3960	1331	1858	.	.		7149
rs3135506	7142	2122	1841	.	.		11105
rs328	14216	4368	2875	948	*		22407
rs340874	259	455	257	529	.		1500
rs35767	256	456	256	526	.		1494
rs3736228	3945	1329	1868	.	.		7142
rs3751812	10312	2844	1032	948	*		15136
rs3764261	14222	4157	2889	945	*		22213
rs3771362	3954	1327	1856	.	.		7137
rs3846662	7175	1920	1856	.	.		10951
rs3846663	3782	1242	1761	.	.		6785
rs3890182	14213	4372	2878	946	*		22409
rs3905000	7203	1920	1871	.	.		10994
rs4128725	6821	1799	777	422	*		9819
rs4131568	11314	3461	1857	.	.		16632
rs4149268	11016	3577	2892	946	*		18431
rs4149274	3960	1327	1856	.	.		7143
rs429358	6993	2220	1031	943	*		11187

SNP	European American	African American	Hispanic	Asian/Pacific Islander	American Indian	OVERALL
rs4355801	3967	1335	1872	.	.	7174
rs4402960	14210	4371	2876	946	3129	25532
rs4420638	21378	6076	2637	422	*	30513
rs4506565	255	449	255	521	.	1480
rs4591370	3966	1331	1862	.	.	7159
rs4605275	3211	565	.	.	.	3776
rs4607103	14225	4364	2889	948	3129	25555
rs4689388	252	454	257	527	.	1490
rs4712523	14013	3717	2649	422	*	20801
rs471364	7467	2368	2119	523	.	12477
rs4740635	3963	1330	1861	.	.	7154
rs4760920	7383	2201	725	388	*	10697
rs4775041	14200	4377	2885	949	*	22411
rs4803750	7441	2372	2111	528	.	12452
rs4804611	6805	1795	777	422	*	9799
rs4821480	7166	2138	1865	.	.	11169
rs486394	3944	1323	1848	.	.	7115
rs4870044	3951	1331	1858	.	.	7140
rs488507	3930	1326	1853	.	.	7109
rs4939883	7200	1919	1875	.	.	10994
rs4970834	3812	1312	1588	.	.	6712
rs4977574	4181	1611	723	388	*	6903
rs499818	10046	2387	776	422	*	13631
rs501120	6813	1789	777	422	*	9801
rs515135	3961	1324	1869	.	.	7154
rs5215	18429	4736	776	421	3129	27491
rs5219	13945	3924	2645	418	3129	24061
rs545854	257	455	254	529	.	1495
rs560887	3665	1272	1805	.	.	6742
rs562338	14224	4378	2900	947	*	22449
rs563694	3804	1310	1579	.	.	6693
rs564398	6813	1766	767	422	*	9768
rs599839	22427	6596	2811	946	*	32780
rs6013029	10769	3121	2631	422	*	16943
rs6025	15292	4156	777	422	*	20647
rs602633	3961	1326	1854	.	.	7141
rs6102059	4195	1775	2115	521	.	8606
rs6265	4133	1779	2126	523	.	8561
rs646776	22652	6479	2889	951	*	32971
rs6469804	3943	1326	1857	.	.	7126
rs6511720	24319	8158	2875	947	*	36299

SNP	European American	African American	Hispanic	Asian/Pacific Islander	American Indian	OVERALL
rs6544713	11045	4383	2906	947	*	19281
rs6548238	13985	3932	2649	422	*	20988
rs6586891	14206	4376	2895	950	*	22427
rs6589566	3964	1329	1855	.	.	7148
rs6602024	3959	1327	1854	.	.	7140
rs6732914	6815	1796	776	422	*	9809
rs673548	7177	1907	1839	.	.	10923
rs6754295	3244	590		.	.	3834
rs6756629	7208	1923	1861	.	.	10992
rs6855911	3932	1326	1865	.	.	7123
rs6857	3955	1331	1852	.	.	7138
rs6922269	6814	1796	777	421	*	9808
rs6929137	3961	1329	1854	.	.	7144
rs693	15953	5630	2873	943	*	25399
rs6987702	7188	1919	1856	.	.	10963
rs6993813	3959	1331	1854	.	.	7144
rs7034200	259	453	257	527	.	1496
rs711752	3955	1327	1856	.	.	7138
rs7120118	7053	1903	1586	.	.	10542
rs7138803	258	453	257	525	.	1493
rs714052	7189	1902	1857	.	.	10948
rs7205804	4173	1613	724	388	*	6898
rs7220711	3947	1319	1849	.	.	7115
rs7310409	3956	1327	1855	.	.	7138
rs7395662	7200	1920	1857	.	.	10977
rs7412	6991	2239	1031	945	*	11206
rs7442295	3944	1333	1855	.	.	7132
rs7480010	7210	1919	1857	.	.	10986
rs7498665	14244	4175	2899	945	*	22263
rs7506045	10064	2386	777	421	*	13648
rs7524102	3964	1329	1861	.	.	7154
rs754523	13946	3708	2630	421	*	20705
rs7557067	3968	1335	1862	.	.	7165
rs7566605	3962	1329	1874	.	.	7165
rs7575840	3964	1330	1859	.	.	7153
rs7578597	14018	3719	2635	422	3129	23923
rs7595412	3959	1330	1855	.	.	7144
rs7679	3964	2131	1874	.	.	7969
rs7754840	4206	1778	2115	527	.	8626
rs780094	17567	6175	2130	528	.	26400
rs7819412	3915	1308	1860	.	.	7083

SNP	European American	African American	Hispanic	Asian/Pacific Islander	American Indian	OVERALL
rs783396	10044	2386	771	422	*	13623
rs7861175	3967	1331	1860	.	.	7158
rs7901695	13937	3683	2621	422	3129	23792
rs7903146	14259	4162	2872	947	3129	25369
rs7923837	7087	1901	1837	.	.	10825
rs7935346	3943	1326	1850	.	.	7119
rs7944584	257	456	257	528	.	1498
rs7961581	7361	2575	2111	526	3129	15702
rs8050136	21659	6303	2869	948	3129	34908
rs8055236	7175	1909	1853	.	.	10937
rs864745	14241	4369	2896	948	3129	25583
rs925946	255	451	252	520	.	1478
rs9282541	3969	1332	1860	.	.	7161
rs9479055	3962	1326	1860	.	.	7148
rs9536591	10049	2384	776	422	*	13631
rs9594738	3958	1326	1852	.	.	7136
rs9594759	3956	1331	1852	.	.	7139
rs964184	18193	5636	2890	949	*	27668
rs987237	258	450	251	525	.	1484
rs9891572	7199	1907	1851	.	.	10957
rs9930506	7049	2251	1029	948	*	11277
rs9939609	3454	1254	252	525	.	5485
rs9941349	258	453	253	524	.	1488
rs9989419	14243	4124	2877	944	*	22188
	European American	African American	Hispanic	Asian/Pacific Islander	American Indian	OVERALL
Minumum	233	433	243	388	3129	802
Maximum	24319	8158	2908	951	3129	36299
Mean	7722	2367	1766	617	3129	12361
Median	6820	1850	1857	526	3129	9818
# SNPs	265	266	261	150	19	266

Supplemental Table 5 – Correlation (r^2) between SNPs significantly associated with CRP. Values were obtained from 1000G data for CEU, YRI, and HCB/JPT using SNAP (www.broadinstitute.org/mpg/snap/ldsearchpw.php, accessed 11/05/2012).

CRP					APOE/APOC1/TOMM40				
	European Americans					European Americans			
	rs1205	rs1800947	rs1417938	rs4131568		rs6857	rs7412	rs429358	rs2075650
rs1800947	0.142				rs4420638	0.627			0.526
rs1417938	0.253	0.036			rs2075650	0.844	0.015		
rs4131568	0.119	0.04	0.854		rs429358		0.004		
rs3093058					rs7412				
	African Americans					African Americans			
	rs1205	rs1800947	rs1417938	rs4131568		rs6857	rs7412	rs429358	rs2075650
rs1800947					rs4420638	0.04		0.016	0.027
rs1417938	0.005				rs2075650	0.004	0.06	0.01	
rs4131568					rs429358	0	0.017		
rs3093058	0.001	0.025	0.009		rs7412				
	Asian/Pacific Islanders					Asian/Pacific Islanders			
	rs1205	rs1800947	rs1417938	rs4131568		rs6857	rs7412	rs429358	rs2075650
rs1800947	0.013				rs4420638	0.507		0.115	0.457
rs1417938	0.125	0.002			rs2075650	0.905	0.004	0.073	
rs4131568	0.093	0.001	0.741		rs429358	0.08			
rs3093058					rs7412				
	GCKR					HNF1A			
		rs1260326 and rs780094					rs2650000 and rs7310409		
European Americans		0.933			European Americans		0.47		
African Americans		0.468			African Americans		0.069		
Asian/Pacific Islande		0.832			Asian/Pacific Islande		0.651		
	CELSR2/PSRC1/SORT1								
		rs599839 and rs646776							
European Americans		0.895							
African Americans		0.059							
Asian/Pacific Islande		0.702							

Supplemental Table 6 – Association between serum C-reactive protein and SNPs previously associated with inflammation-related phenotypes, stratified by sex and race/ethnicity group.

Locus	SNP	Coded allele	Race/ethnicity	Male N	Beta	SE	P-value	Female N	Beta	SE	P-value	P-het
CRP	rs1205	T	European American	5838	-0.19	0.02	2.80E-19	6562	-0.16	0.02	1.62E-14	0.29
			African American	1469	-0.29	0.06	4.14E-07	2200	-0.27	0.04	1.75E-09	0.78
			Hispanic	893	-0.16	0.05	4.68E-03	949	-0.29	0.05	6.33E-08	0.07
			Asian/Pacific Islander	0	.	.	.	0	.	.	.	.
			American Indian	0	.	.	.	0	.	.	.	.
			Overall	8200	-0.19	0.02	6.29E-26	9711	-0.19	0.02	5.12E-27	1.00
CRP	rs1800947	G	European American	5837	-0.28	0.04	1.16E-12	6567	-0.31	0.04	3.52E-14	0.60
			African American	1475	-0.54	0.20	5.85E-03	2201	-0.65	0.16	8.04E-05	0.67
			Hispanic	894	-0.40	0.21	6.29E-02	948	-0.33	0.17	4.83E-02	0.80
			Asian/Pacific Islander	0	.	.	.	0	.	.	.	.
			American Indian	0	.	.	.	0	.	.	.	.
			Overall	8206	-0.30	0.04	1.08E-14	9716	-0.33	0.04	1.37E-17	0.60
CRP	rs1417938	A	European American	1924	-0.08	0.04	4.29E-02	2019	-0.20	0.04	1.29E-06	0.03
			African American	631	-0.26	0.12	2.38E-02	697	-0.15	0.11	1.67E-01	0.50
			Hispanic	894	-0.10	0.06	6.37E-02	951	-0.18	0.05	9.67E-04*	0.30
			Asian/Pacific Islander	0	.	.	.	0	.	.	.	.
			American Indian	0	.	.	.	0	.	.	.	.
			Overall	3449	-0.10	0.03	1.24E-03*	3667	-0.19	0.03	2.01E-09	0.03
CRP	rs4131568	T	European American	5360	0.05	0.02	1.20E-02	5954	0.10	0.02	2.93E-06	0.08
			African American	1397	0.01	0.09	9.56E-01	2064	-0.13	0.07	6.27E-02	0.22
			Hispanic	893	0.05	0.05	3.32E-01	964	0.11	0.05	4.88E-02	0.40
			Asian/Pacific Islander	0	.	.	.	0	.	.	.	.
			American Indian	0	.	.	.	0	.	.	.	.
			Overall	7650	0.05	0.02	8.22E-03	8982	0.09	0.02	1.18E-05	0.16

Locus	SNP	Coded allele	Race/ethnicity	Male N	Beta	SE	P-value	Female N	Beta	SE	P-value	P-het
CRP	rs3093058	T	European American	5846	0.61	0.29	3.63E-01	6574	-0.01	0.32	9.85E-01	0.16
			African American	1475	0.45	0.06	1.19E-14	2205	0.50	0.05	3.16E-28	0.55
			Hispanic	893	0.90	0.29	1.86E-03*	949	0.38	0.28	1.77E-01	0.20
			Asian/Pacific Islander	0	.	.	.	0	.	.	.	.
			American Indian	0	.	.	.	0	.	.	.	.
			Overall	8214	0.48	0.06	3.34E-17	9728	0.48	0.04	4.55E-28	0.28
APOE/ APOC1/ TOMM40	rs4420638	G	European American	6633	-0.27	0.02	8.89E-30	14745	-0.23	0.02	1.31E-30	0.16
			African American	1704	-0.04	0.05	4.26E-01	4372	-0.03	0.03	4.47E-01	0.86
			Hispanic	897	-0.15	0.09	8.92E-02	1740	-0.20	0.06	2.25E-03	0.64
			Asian/Pacific Islander	0	.	.	.	422	-0.06	0.14	6.76E-01	.
			American Indian	0	.	.	.	86†	.	.	.	.
			Overall	9234	-0.23	0.02	6.99E-27	21365	-0.17	0.02	2.01E-26	0.03
APOE/ APOC1/ TOMM40	rs2075650	G	European American	7277	-0.23	0.02	5.36E-21	8649	-0.22	0.02	2.03E-20	0.72
			African American	2057	-0.03	0.05	5.86E-01	2672	-0.01	0.05	7.69E-01	0.78
			Hispanic	1078	-0.23	0.07	9.68E-04	1041	-0.19	0.08	2.16E-02	0.71
			Asian/Pacific Islander	306	-0.02	0.06	7.84E-01	222	-0.09	0.06	1.57E-01	0.41
			American Indian	0	.	.	.	0	.	.	.	.
			Overall	10718	-0.17	0.02	2.55E-18	12584	-0.17	0.02	5.64E-18	1.00
APOE/ APOC1/ TOMM40	rs429358	C	European American	163	-0.16	0.10	9.30E-02	6830	-0.25	0.04	8.07E-10	0.40
			African American	363	-0.14	0.06	3.38E-02	1857	-0.30	0.06	7.94E-08	0.06
			Hispanic	182	-0.22	0.11	5.33E-02	849	-0.42	0.08	1.82E-07	0.14
			Asian/Pacific Islander	304	-0.16	0.08	4.04E-02	639	-0.21	0.06	1.33E-03	0.62
			American Indian	0	.	.	.	85†	.	.	.	.
			Overall	1012	-0.16	0.04	1.18E-04	10260	-0.27	0.03	2.96E-23	0.03

Locus	SNP	Coded allele	Race/ethnicity	Male N	Beta	SE	P-value	Female N	Beta	SE	P-value	P-het
APOE/ APOC1/ TOMM40	rs6857	T	European American	1932	-0.24	0.05	1.08E-06	2023	-0.24	0.05	9.14E-06	1.00
			African American	636	-0.35	0.15	1.98E-02	695	-0.12	0.15	4.26E-01	0.28
			Hispanic	889	-0.30	0.09	4.90E-04	963	-0.27	0.09	2.66E-03	0.81
			Asian/Pacific Islander	0	.	.	.	0	.	.	.	.
			American Indian	0	.	.	.	0	.	.	.	.
			Overall	1525	-0.26	0.04	1.88E-10	3681	-0.24	0.04	8.71E-08	0.72
GCKR	rs1260326	T	European American	7237	0.04	0.02	1.78E-02	15424	0.13	0.01	1.68E-18	5.70E-05
			African American	2047	0.07	0.04	9.54E-02	4459	0.06	0.04	8.13E-02	0.86
			Hispanic	1074	0.02	0.05	6.72E-01	1799	0.13	0.04	1.14E-03	0.09
			Asian/Pacific Islander	306	0.06	0.05	1.97E-01	645	0.12	0.04	2.45E-03	0.35
			American Indian	0	.	.	.	86†	.	.	.	.
			Overall	10664	0.04	0.01	2.10E-03	22413	0.12	0.01	8.96E-23	1.54E-08
GCKR	rs780094	T	European American	8045	0.05	0.02	3.00E-03*	9522	0.14	0.02	9.76E-17	1.46E-03
			African American	2660	0.02	0.04	5.94E-01	3515	0.05	0.04	1.61E-01	0.60
			Hispanic	1085	0.03	0.05	5.36E-01	1045	0.13	0.05	8.84E-03	0.16
			Asian/Pacific Islander	305	0.02	0.05	6.09E-01	223	0.08	0.05	1.15E-01	0.40
			American Indian	0	.	.	.	0	.	.	.	.
			Overall	12095	0.04	0.01	2.85E-03*	14305	0.12	0.01	4.74E-18	1.54E-08
HNF1A	rs2650000	A	European American	7592	-0.15	0.02	5.52E-18	8914	-0.10	0.02	1.78E-08	0.08
			African American	2588	-0.04	0.04	4.23E-01	3395	-0.14	0.04	1.36E-03	0.08
			Hispanic	1082	-0.12	0.04	8.76E-03	1043	-0.11	0.05	2.03E-02	0.98
			Asian/Pacific Islander	283	-0.08	0.05	1.04E-01	217	0.01	0.05	7.76E-01	0.20
			American Indian	0	.	.	.	0	.	.	.	.
			Overall	11545	-0.13	0.01	1.48E-18	13569	-0.09	0.01	1.16E-10	0.01

Locus	SNP	Coded allele	Race/ethnicity	Male N	Beta	SE	P-value	Female N	Beta	SE	P-value	P-het
HNF1A	rs7310409	A	European American	1931	-0.20	0.04	5.15E-08	2025	-0.15	0.04	2.76E-04	0.16
			African American	633	-0.16	0.08	4.96E-02	694	-0.12	0.08	1.10E-01	0.76
			Hispanic	892	-0.17	0.06	1.72E-03*	963	-0.09	0.05	1.18E-01	0.32
			Asian/Pacific Islander	0	.	.	.	0	.	.	.	.
			American Indian	0	.	.	.	0	.	.	.	.
			Overall	3456	-0.19	0.03	5.44E-11	3682	-0.13	0.03	3.06E-05	0.08
IL6R	rs2228145	C	European American	7841	-0.12	0.02	2.81E-12	9343	-0.09	0.02	8.55E-09	0.29
			African American	2373	-0.15	0.05	1.47E-03*	3569	-0.10	0.04	1.11E-02	0.44
			Hispanic	886	-0.22	0.05	4.57E-05	955	-0.14	0.05	7.81E-03	0.26
			Asian/Pacific Islander	0	.	.	.	0	.	.	.	.
			American Indian	0	.	.	.	0	.	.	.	.
			Overall	11100	-0.13	0.02	1.87E-17	13867	-0.10	0.01	1.21E-11	0.18
LEPR	rs1892534	T	European American	5377	-0.06	0.02	6.69E-03	5967	-0.10	0.02	2.06E-06	0.16
			African American	1402	-0.07	0.05	1.59E-01	2069	-0.09	0.04	1.19E-02	0.76
			Hispanic	893	-0.08	0.05	1.26E-01	958	-0.15	0.05	4.82E-03	0.32
			Asian/Pacific Islander	0	.	.	.	0	.	.	.	.
			American Indian	0	.	.	.	0	.	.	.	.
			Overall	7672	-0.06	0.02	7.12E-04*	8994	-0.11	0.02	2.01E-09	0.08
HNF4A	rs1800961	T	European American	8093	-0.12	0.05	1.03E-02	9567	-0.16	0.05	3.11E-04	0.57
			African American	2678	-0.20	0.14	1.53E-01	3544	0.26	0.16	9.26E-02	0.03
			Hispanic	1079	-0.24	0.11	3.28E-02	1038	0.12	0.12	3.15E-01	0.03
			Asian/Pacific Islander	301	-0.23	0.24	3.36E-01	222	.	.	.	.
			American Indian	0	.	.	.	0	.	.	.	.
			Overall	12151	-0.15	0.04	3.25E-04	14371	-0.10	0.04	1.38E-02	0.38

Locus	SNP	Coded allele	Race/ethnicity	Male N	Beta	SE	P-value	Female N	Beta	SE	P-value	P-het
CELS2/ PSRC1/ SORT1	rs599839	G	European American	7119	0.05	0.02	1.06E-02	15308	0.05	0.02	1.34E-03	1.00
			African American	2093	0.00	0.03	9.45E-01	4503	0.06	0.03	2.16E-02	0.16
			Hispanic	1041	0.10	0.05	5.83E-02	1770	0.03	0.04	4.30E-01	0.27
			Asian/Pacific Islander	304	0.00	0.07	9.97E-01	642	0.13	0.09	1.26E-01	0.25
			American Indian	0	.	.	.	86†	.	.	.	.
			Overall	10557	0.04	0.02	8.19E-03	22309	0.06	0.01	1.25E-05	0.37
CELS2/ PSRC1/ SORT1	rs646776	C	European American	7248	0.05	0.02	1.67E-02	15404	0.05	0.02	1.70E-03	1.00
			African American	2034	0.04	0.03	2.03E-01	4445	0.02	0.03	4.43E-01	0.64
			Hispanic	1076	0.08	0.06	1.51E-01	1813	0.01	0.04	8.16E-01	0.33
			Asian/Pacific Islander	306	-0.01	0.08	8.85E-01	645	0.22	0.09	1.72E-02	0.06
			American Indian	0	.	.	.	86†	.	.	.	.
			Overall	10664	0.05	0.02	3.61E-03	22393	0.05	0.01	4.90E-04	1.00

*P-values below threshold for replication ($p < 3.1 \times 10^{-3}$) but not pleiotropy discovery ($p < 2.0 \times 10^{-4}$).

†Race-stratified analyses with <100 observations that were not analyzed or included in overall count or analyses.

Supplemental Figure 1 – Forest plots for the association of SNPs rs2075650 (1a) and rs4420638 (1b) with C-reactive protein, overall and by race/ethnicity group, using random effects meta-analysis.

