

**Table S4:** Individual study results for the top significant SNP from each region

SNP <sup>a</sup>	ARIC		CARDIA		GeneSTAR		HANDLS		Health ABC		JHS		WHI	
	ES (SE)	P-value	ES (SE)	P-value	ES (SE)	P-value	ES (SE)	P-value	ES (SE)	P-value	ES (SE)	P-value	ES (SE)	P-value
<b><i>Platelet Count</i></b>														
<b>rs12526480</b> <b>G/T</b>	-4.047 (1.934)	0.036	-5.770 (3.380)	0.088	-8.455 (3.329)	0.011	-8.901 (3.550)	0.012	-4.962 (2.994)	0.098	-2.200 (2.082)	0.291	-3.982 (1.041)	1.31 x 10 <sup>-4</sup>
<b>rs210134</b> <b>A/G</b>	-5.842 (2.019)	3.8 x 10 <sup>-3</sup>	-2.520 (3.500)	0.472	-11.360 (3.437)	9.50 x 10 <sup>-4</sup>	-9.971 (3.568)	5.20 x 10 <sup>-3</sup>	0.261 (3.101)	0.933	-7.171 (2.096)	6.34 x 10 <sup>-4</sup>	-6.282 (1.050)	2.26 x 10 <sup>-9</sup>
<b>rs9494145</b> <b>C/T</b>	9.768 (3.826)	0.011	6.730 (6.090)	0.270	11.159 (6.161)	0.070	7.553 (6.640)	0.255	8.587 (5.081)	0.091	9.916 (3.951)	0.012	7.353 (1.819)	5.29 x 10 <sup>-5</sup>
<b>rs13236689</b> <b>G/T</b>	3.564 (1.821)	0.050	7.030 (3.100)	0.024	6.194 (3.009)	0.040	5.694 (3.193)	0.075	0.207 (2.835)	0.942	4.514 (1.920)	0.019	4.122 (0.956)	1.61 x 10 <sup>-5</sup>
<b>rs342293</b> <b>G/C</b>	-1.879 (1.831)	0.305	-6.897 (3.170)	0.030	-2.485 (3.462)	0.473	-10.425 (3.352)	1.87 x 10 <sup>-3</sup>	-7.227 (2.984)	0.016	-1.446 (1.927)	0.453	-4.231 (0.964)	1.15 x 10 <sup>-5</sup>
<b>rs7896518</b> <b>G/A</b>	5.959 (1.875)	1.5 x 10 <sup>-3</sup>	12.60 (3.230)	1.03 x 10 <sup>-4</sup>	9.535 (3.365)	4.60 x 10 <sup>-3</sup>	5.898 (3.355)	0.079	1.638 (3.100)	0.587	3.343 (2.004)	0.096	4.587 (1.001)	4.57 x 10 <sup>-6</sup>
<b>rs477895</b>	-6.325	2.1 x 10 <sup>-3</sup>	3.790	0.269	-4.630	0.148	-7.811	0.012	-5.967	0.040	-5.284	0.011	-3.408	1.29 x 10 <sup>-3</sup>

<b>C/T</b>	(2.058)		(3.420)		(3.197)		(3.097)		(2.907)		(2.071)		(1.059)	
<b>rs6490294</b>	-4.679 (1.911)	0.014	-4.307 (3.381)	0.203	-5.880 (3.239)	0.069	0.235 (3.432)	0.945	-3.563 (3.116)	0.253	-7.087 (2.066)	$6.14 \times 10^{-4}$	-4.068 (1.01)	$5.70 \times 10^{-5}$
<b>C/A</b>														
<b>rs8109288</b>	-8.166 (3.695)	0.027	-7.060 (6.990)	0.312	-10.111 (5.280)	0.056	-19.783 (5.614)	$4.25 \times 10^{-4}$	-4.955 (4.843)	0.306	-13.62 (4.038)	$7.58 \times 10^{-4}$	-7.013 (1.948)	$3.16 \times 10^{-4}$
<b>A/G</b>														
<b>rs151361</b>	5.233 (2.014)	0.0094	5.496 (3.490)	0.116	14.107 (3.294)	$1.85 \times 10^{-5}$	0.224 (3.630)	0.951	0.685 (3.249)	0.833	1.209 (2.117)	0.568	4.763 (1.062)	$7.34 \times 10^{-6}$
<b>G/A</b>														
<b>Mean Platelet Volume</b>														
<b>rs342296</b>	0.079 (0.058)	0.176			0.207 (0.058)	$6.18 \times 10^{-6}$	0.287 (0.095)	0.0024	0.021 (0.171)	0.903	0.153 (0.032)	$1.50 \times 10^{-6}$		
<b>A/G</b>														
<b>rs11653144</b>	-0.148 (0.059)	0.012			-0.090 (0.046)	0.049	-0.106 (0.094)	0.256	-0.104 (0.179)	0.562	-0.163 (0.032)	$5.50 \times 10^{-7}$		
<b>C/T</b>														
<b>rs8109288</b>	0.246 (0.093)	0.035			0.243 (0.074)	0.0011	0.359 (0.159)	0.024	-0.001 (0.274)	0.998	0.278 (0.064)	$1.3 \times 10^{-5}$		
<b>A/G</b>														

<sup>a</sup> minor allele always listed first; minor allele = coded/effect allele; ES = effect size