

**Supplementary Table 3 Regional Interrogation of HOMA-IR and HOMA-B Associations in African Americans**

**Fasting Glucose Loci**

**HOMA-B result in AfA<sup>a</sup> for the Best FG SNP in AfA in the Region**

<b>Best FG SNP<sup>b</sup></b>										
in AfA	Position	LD <sup>c</sup> in YRI r <sup>2</sup> (D')	LD <sup>d</sup> in CEU r <sup>2</sup> (D')	Alleles <sup>e</sup>	EAF <sup>f</sup>	Effect	95% C.I.	P-value	Eff. N <sup>g</sup>	Adjusted-p-value
rs7519597	212261507	0.004 (1.000)	N/A	T/C	0.037	0.045	-0.017-0.106	1.56x10 <sup>-1</sup>	90	1.00x10 <sup>-0</sup>
rs853789	169509734	N/A	0.692 (0.916)	A/G	0.106	0.041	0.006-0.075	<b>2.22x10<sup>-2</sup></b>	105	1.00x10 <sup>-0</sup>
rs7586601	27438170	0.169 (0.491)	0.549 (0.956)	A/G	0.238	-0.024	-0.049-0.001	5.87x10 <sup>-2</sup>	22	1.00x10 <sup>-0</sup>
rs10934645	124552510	0.009 (1.000)	0.022 (1.000)	A/G	0.091	-0.002	-0.044-0.039	9.09x10 <sup>-1</sup>	66	1.00x10 <sup>-0</sup>
rs9827202	172296993	0.005 (0.105)	0.000 (0.118)	T/C	0.442	0.019	-0.003-0.041	8.69x10 <sup>-2</sup>	65	1.00x10 <sup>-0</sup>
rs1799884	44195593	0.469 (1.000)	0.003 (0.196)	T/C	0.177	-0.065	-0.092--0.038	<b>2.15x10<sup>-6</sup></b>	34	<b>7.31x10<sup>-5</sup></b>
rs17327498	15111235	0.001 (0.184)	0.003 (0.196)	A/G	0.972	0.028	-0.048-0.104	4.77x10 <sup>-1</sup>	90	1.00x10 <sup>-0</sup>
rs2649098	118304453	0.008 (1.000)	0.004 (0.088)	T/C	0.106	-0.016	-0.050-0.018	3.54x10 <sup>-1</sup>	82	1.00x10 <sup>-0</sup>
rs3895473	4319209	0.003 (0.098)	0.006 (0.158)	A/G	0.801	-0.010	-0.036-0.016	4.50x10 <sup>-1</sup>	169	1.00x10 <sup>-0</sup>
rs7908674	112913361	0.070 (0.426)	0.028 (0.500)	A/G	0.160	-0.017	-0.048-0.015	2.96x10 <sup>-1</sup>	83	1.00x10 <sup>-0</sup>
rs7909517	114852926	0.006 (0.255)	0.003 (1.000)	C/G	0.103	0.005	-0.035-0.045	8.08x10 <sup>-1</sup>	72	1.00x10 <sup>-0</sup>
rs10830963	92348358	same snp	same snp	C/G	0.926	0.062	0.022-0.102	<b>2.39x10<sup>-3</sup></b>	86	2.05x10 <sup>-1</sup>
rs1685404	47200241	N/A	0.258 (1.000)	C/G	0.240	0.006	-0.019-0.030	6.52x10 <sup>-1</sup>	27	1.00x10 <sup>-0</sup>
rs7937198	61525549	0.000 (0.016)	0.003 (0.055)	A/G	0.492	0.006	-0.015-0.026	5.96x10 <sup>-1</sup>	65	1.00x10 <sup>-0</sup>
rs11605924	45829667	same snp	same snp	A/C	0.865	0.013	-0.018-0.044	4.07x10 <sup>-1</sup>	58	1.00x10 <sup>-0</sup>
rs893157	60165933	0.019 (0.488)	0.174 (0.527)	T/C	0.585	0.011	-0.010-0.033	3.09x10 <sup>-1</sup>	60	1.00x10 <sup>-0</sup>

**Fasting Insulin Loci**

**HOMA-IR result in AfA for the Best FI SNP in AfA in the Region**

rs7586601	27438170	0.169 (0.491)	0.549 (0.956)	A/G	0.239	-0.051	-0.078--0.023	<b>3.27x10<sup>-4</sup></b>	22	<b>7.20E-03</b>
rs7970320	101508605	0.011 (0.126)	0.001 (0.067)	T/C	0.557	-0.032	-0.056--0.009	<b>6.61x10<sup>-3</sup></b>	59	3.90E-01

<sup>a</sup>. EuA = European American and AfA = African American

<sup>b</sup>. The loci in this table were all obtained from Table3

<sup>c</sup>. LD in YRI between AfA's best SNP and top SNP in EuA

<sup>d</sup>. LD in CEU between AfA's best SNP and top SNP in EuA

<sup>e</sup>. Effect/Other allele

<sup>f</sup>. EAF=Effect allele frequency

<sup>g</sup>. Number of independent (typed) SNPs interrogated in CARE AA

