

Table S5 Associations of independent signals for breast cancer risk in women of East Asian and African descent

Signal	SNPs	Position (hg 19)	Allele	EAF	LD <sup>§</sup> (R <sup>2</sup> )	Univariate Analysis	
						Per-allele OR (95% CI) <sup>b</sup>	P trend <sup>b</sup>
<b>Women of East Asian ancestry</b>							
Index <sup>‡</sup>	rs10771399	28155080	G*/A	0.17	-	0.87 (0.81-0.93)	5×10 <sup>-5</sup>
Signal 1	rs7297051	28174817	T*/C	0.22	0.70	0.88 (1.07-1.21)	2 ×10 <sup>-5</sup>
Signal 2	rs805510	28139846	T*/C	0.15	0.86	0.88 (0.82-0.94)	5×10 <sup>-4</sup>
Signal 3	rs1871152	28379826	G*/A	0.08	0.00	0.96 (0.86-1.07)	0.48
Signal 4	rs113824616 <sup>a</sup>	28184905	C*/T	0.08	0.62	0.84 (0.70-0.99)	0.04
<b>Women of African ancestry</b>							
Index <sup>‡</sup>	rs10771399	28155080	G*/A	0.04	-	0.82 (0.58-1.14)	0.23
Signal 1	rs7297051	28174817	T*/C	0.13	0.14	0.95 (0.79-1.14)	0.61
Signal 2	rs805510	28139846	T*/C	0.45	0.01	0.96 (0.85-1.08)	0.51
Signal 3	rs1871152	28379826	G*/A	0.37	0.00	0.95 (0.83-1.08)	0.47
Signal 4	rs113824616 <sup>a</sup>	28184905	C*/T	0.01	0.56	0.86 (0.12-5.70)	0.87

EAF, effect allele frequency in controls; LD, linkage disequilibrium; OR, odds ratio; CI, confidence interval.

<sup>‡</sup> Identified in the initial GWAS conducted in women of European descent (1).

\*Effect alleles.

<sup>§</sup> Linkage disequilibrium with rs10771399 in women of Asian or African descent.

<sup>a</sup> The OR for rs113824616 were estimated using ER(-) cases and all controls.

<sup>b</sup> Adjusted for studies, and the top two principal components.