

**S1 Table. Number of SNPs (N) with MAF  $\leq$  0.01 overall and by imputation quality score (r-sq) threshold for the three platforms Illumina HumanHap, Affymetrix 6.0 and Illumina Omniexpress.**

<b>Platform</b>	<b>N</b>	<b>mean(r-sq)</b>	<b>N (%) r-sq<math>\geq</math>0.3</b>	<b>r-sq<math>\geq</math>0.5</b>	<b>r-sq<math>\geq</math>0.8</b>	<b>r-sq<math>\geq</math>0.95</b>
Illumina HumanHap	21,518,650	0.224	6,279,290(29.2%)	3,558,835(16.5%)	983,575(4.6%)	162,938 (0.8%)
Affymetrix 6.0	21,542,876	0.241	6,721,060(31.2%)	4,079,981(18.9%)	1,375,400(6.4%)	298,816 (1.4%)
OmniExpress	21,554,521	0.243	6,885,575(31.9%)	4,170,866(19.4%)	1,342,897(6.2%)	270,436 (1.3%)