**Table S2 . Comparison of allele frequencies between cases and controls and reference samples.** Coded allele frequencies for the ten most significant SNPs are shown for cases, controls, HapMap CEU, and HapMap YRI samples. Allelic frequency comparisons were performed with chi-square test and *F*-statistic (FST).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Coded Allele Frequencies** | **Coded Allele frequency comparisons****(P-value)** | **FST** |
| **SNP** | **Coded Allele** | Total | Cases | Controls | CEU | YRI | CEU vs.Case | YRI vs. Case | CEU vs. Control | YRI vs. Control | CEU vs.Cases & Controls | CEU vs. Case |
| rs4631108 | A | 0.41 | 0.50 | 0.31 | 0.38 | 0.34 | 0.027 | 0.004 | 0.148 | 0.451 | <0.001 | 0.010 |
| rs4845396 | A | 0.28 | 0.21 | 0.35 | 0.48 | 0.13 | <0.001 | 0.059 | 0.018 | <0.001 | 0.040 | 0.070 |
| rs2200733 | T | 0.50 | 0.36 | 0.15 | 0.12 | 0.22 | <0.001 | 0.001 | 0.188 | 0.085 | 0.170 | 0.080 |
| rs1906602 | C | 0.14 | 0.19 | 0.09 | 0 | 0.20 | <0.001 | 0.706 | <0.001 | 0.003 | 0.090 | 0.120 |
| rs4845397 | C | 0.46 | 0.41 | 0.52 | 0.72 | 0.37 | <0.001 | 0.401 | <0.001 | 0.003 | 0.070 | 0.090 |
| rs2634071 | A | 0.43 | 0.53 | 0.34 | 0.20 | 0.55 | <0.001 | 0.679 | 0.001 | <0.001 | 0.060 | 0.120 |
| rs4605724 | A | 0.14 | 0.20 | 0.08 | 0.12 | 0.08 | 0.020 | 0.001 | 0.274 | 0.934 | <0.001 | 0.009 |
| rs2723334 | G | 0.50 | 0.40 | 0.61 | 0.20 | 0.60 | <0.001 | 0.879 | 0.001 | <0.001 | 0.080 | 0.140 |
| rs6843082 | G | 0.34 | 0.42 | 0.24 | 0.23 | 0.34 | <0.001 | 0.108 | 0.958 | 0.030 | 0.010 | 0.040 |
| rs12647316 | T | 0.19 | 0.28 | 0.11 | 0.12 | 0.12 | <0.001 | <0.001 | 0.777 | 0.777 | 0.007 | 0.040 |