

Additional File 1. Allele Frequency Comparison for Tested Loci that were not Transferable

| SNP | Chr | Risk/Reference Alleles ¹ | <u>Risk Allele Frequency</u> | |
|---|-----|-------------------------------------|--------------------------------|--------------------------------|
| | | | European Ancestry ² | African Americans ³ |
| <u>Comparable Allele Frequencies (n=20)</u> | | | | |
| rs1689800 | 1 | G/A | 0.35 | 0.32 |
| rs2479409 | 1 | G/A | 0.3 | 0.27 |
| rs645040 | 3 | G/T | 0.22 | 0.30 |
| rs442177 | 4 | G/T | 0.41 | 0.47 |
| rs6450176 | 5 | A/G | 0.26 | 0.30 |
| rs1564348 | 6 | C/T | 0.17 | 0.11 |
| rs3177928 | 6 | A/G | 0.16 | 0.08 |
| rs17145738 | 7 | T/C | 0.12 | 0.09 |
| rs10761731 | 10 | T/A | 0.43 | 0.39 |
| rs3136441 | 11 | C/T | 0.15 | 0.21 |
| rs964184 | 11 | G/C | 0.13 | 0.19 |
| rs4759375 | 12 | T/C | 0.06 | 0.09 |
| rs4765127 | 12 | T/G | 0.34 | 0.35 |
| rs2412710 | 15 | A/G | 0.02 | 0.06 |
| rs2652834 | 15 | A/G | 0.2 | 0.29 |
| rs16942887 | 16 | A/G | 0.12 | 0.20 |
| rs12967135 | 18 | A/G | 0.23 | 0.29 |
| rs492602 | 19 | G/A | 0.49 | 0.49 |
| rs2277862 | 20 | T/C | 0.15 | 0.17 |
| <u>Frequency considerably higher in AA⁴ (n=12)</u> | | | | |
| rs4846914 | 1 | G/A | 0.4 | 0.86 |
| rs10195252 | 2 | C/T | 0.4 | 0.74 |
| rs6882076 | 5 | T/C | 0.35 | 0.63 |
| rs2814944 | 6 | A/G | 0.16 | 0.32 |
| rs605066 | 6 | C/T | 0.42 | 0.56 |
| rs11776767 | 8 | C/G | 0.37 | 0.67 |
| rs1495741 | 8 | G/A | 0.22 | 0.38 |
| rs10128711 | 11 | T/C | 0.28 | 0.8 |
| rs2923084 | 11 | G/A | 0.17 | 0.48 |
| rs838880 | 12 | C/T | 0.31 | 0.68 |
| rs2929282 | 15 | T/A | 0.05 | 0.33 |
| rs6029526 | 20 | A/T | 0.47 | 0.79 |
| <u>Frequency considerably lower in AA⁴ (n=12)</u> | | | | |
| rs2642442 | 1 | C/T | 0.32 | 0.21 |
| rs4660293 | 1 | G/A | 0.23 | 0.05 |
| rs7515577 | 1 | C/A | 0.21 | 0.06 |
| rs12916 | 5 | C/T | 0.39 | 0.25 |

| | | | | |
|------------|----|-----|------|------|
| rs4731702 | 7 | T/C | 0.48 | 0.28 |
| rs2293889 | 8 | T/G | 0.41 | 0.13 |
| rs174546 | 11 | T/C | 0.34 | 0.09 |
| rs11613352 | 12 | T/C | 0.23 | 0.11 |
| rs1169288 | 12 | C/A | 0.33 | 0.07 |
| rs7134594 | 12 | C/T | 0.47 | 0.26 |
| rs11649653 | 16 | G/C | 0.4 | 0.08 |
| rs7255436 | 19 | C/A | 0.47 | 0.29 |

¹ As listed in the European Ancestry Meta-analysis

² From the European Ancestry Meta-Analysis

³ From HUFs. The frequency of the previously-reported risk allele is given so that frequency columns are directly comparable.

⁴ Variants where interethnic differences in allele frequency exceeded 10%.