

Table S2. Populations used as observed data point in Figure 1.

| Population | Sample Size (2N) | Derived Allele Frequency | Latitude | Longitude |
|------------|------------------|--------------------------|----------|-----------|
| ASW | 122 | 0.016 | -28 | 24 |
| CEU | 170 | 0.147 | 46 | 2 |
| CHB | 194 | 0.000 | 30 | 112 |
| CHS | 200 | 0.000 | 21 | 100 |
| CLM | 120 | 0.050 | 3 | -68 |
| FIN | 186 | 0.070 | 60 | 24 |
| GBR | 178 | 0.146 | 51 | 0 |
| IBS | 28 | 0.321 | 40 | -3 |
| JPT | 178 | 0.000 | 38 | 138 |
| LWK | 194 | 0.000 | -3 | 37 |
| MXL | 132 | 0.076 | 25 | -100 |
| PUR | 110 | 0.036 | 18 | -75 |
| TSI | 196 | 0.112 | 43 | 11 |
| YRI | 176 | 0.000 | 8 | 5 |