**Table S1.** Sample information for 1,092 unrelated individuals from the 1000 Genomes Project.

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| --- | --- | --- | --- |
| **Ancestry** | **Population** | **Description** | **Sample Size** |
| Africa | YRI | Yoruba in Ibadan, Nigeria | 88 |
| LWK | Luhya in Webuye, Kenya | 97 |
| Europe | IBS | Iberian populations in Spain | 14 |
| CEU | Utah residents with ancestry from northern and western Europe | 85 |
| GBR | British from England and Scotland | 89 |
| FIN | innish in Finland | 93 |
| TSI | Toscani in Italia | 98 |
| East Asia | JPT | Japanese in Tokyo, Japan | 89 |
| CHB | Han Chinese in Beijing, China | 97 |
| CHS | Han Chinese South, China | 100 |
| Americas | MXL | Mexican Ancestry in LA, CA, USA | 66 |
| ASW | African Ancestry in SW USA | 61 |
| CLM | Colombian in Medellín, Colombia | 60 |
| PUR | Puerto Rican in Puerto Rico | 55 |