

"1000" Genomes Project

find variants
that occur in >
1% of the
population:
sequence
≈2500 genomes
at 4X coverage,
align them to
reference.

| 1000 Genomes Samples | | | | | | 6-Sept-11 | | |
|---|----------------------|--|--------------------------|------------------------------|------------|------------|-----------|------------|
| Population | Status | Available to research community (dates approx) | DNA sequenced from blood | Offspring samples from trios | First set | Second set | Third set | Total |
| Utah residents (CEPH) with Northern and Western European ancestry (CEU) | Available | Available | no | yes | 100 | | | 100 |
| Toscani in Italia (TSI) | Available | Available | no | no | 100 | | | 100 |
| British from England and Scotland (GBR) | Available | Available | no | no | 96 | 4 | | 100 |
| Finnish from Finland (FIN) | Available | Available | no | no | 100 | | | 100 |
| Iberian populations in Spain (IBS) | Available to project | Available | no | yes | 30 | 70 | | 100 |
| Total European ancestry | | | | | 426 | 74 | | 500 |
| Han Chinese in Beijing, China (CHB) | Available | Available | no | no | 100 | | | 100 |
| Japanese in Toyko, Japan (JPT) | Available | Available | no | no | 100 | | | 100 |
| Han Chinese South (CHS) | Available | Available | most | yes | 100 | | | 100 |
| Chinese Dai in Xishuangbanna (CDX) | Available to project | Oct-Dec 2011 | some | no | | 100 | | 100 |
| Kinh in Ho Chi Minh City, Vietnam (KHV) | Available to project | Oct-Dec 2011 | yes | some | | 100 | | 100 |
| Chinese in Denver, Colorado (CHD) (pilot 3 only) | Available | Available | no | no | | | | 0 |
| TOTAL East Asian ancestry | | | | | 300 | 200 | | 500 |
| Yoruba in Ibadan, Nigeria (YRI) | Available | Available | no | yes | 100 | | | 100 |
| Luhya in Webuye, Kenya (LWK) | Available | Available | no | no | 100 | | | 100 |
| Gambian in Western Division, The Gambia | Collecting samples | Mar-May 2012 | no | yes | | | 100 | 100 |