

**Table S3 Full names of 1000 Genomes Project populations.**

Code	Population name
ASW	African Ancestry from Southwest, USA
CEU	Northern and Western European from Utah, USA
CHB+JPT	Han Chinese from Beijing, China + Japanese from Tokyo, Japan
CHS	Han from south, China
CLM	Colombian from Medellin, Colombia
FIN	Finnish, Finland
GBR	British from England and Scotland, UK
LWK	Luhya from Webuye, Kenya
MXL	Mexican Ancestry from Los Angeles-California, USA
PUR	Puerto Rican, Puerto Rico
TSI	Italian from Tuscany, Italy
YRI	Yoruba from Ibadan, Nigeria