

Technical Specification Report for Pharmacogenomics of HLA variants in 4 Asian Populations (Project 3)

Dataset

- Complete 1000 genomes sample list for all populations
- PLINK format files for the 4 Asian populations
 - asia.bed: binary file that contains data on individual identifiers and genotypes
 - asia.bim: text file that contains data on genetic markers (position of SNPs)
 - asia.fam: text file that contains data on individuals (family relationship, gender)

Softwares

- PLINK
- R and RStudio
- ggplot
- WinSCP
- Google Cloud Shell

Computer facilities

- Lenovo Yoga 730, 64bit OS, Windows 11
- HackBio's Server (accessed via Google Cloud Shell)

Metadata (from complete 1000 genomes list)

Sample.name	Sex	Biosample.ID	Population.code	Population.name	Superpopulation.code	Superpopulation.name	Population.elastic.ID	Data.collections
1 HG00105	male	SAME123949	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
2 HG00112	male	SAME125341	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
3 HG00117	male	SAME125346	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
4 HG00124	female	SAME122870	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes phase 3 ...
5 HG00129	male	SAME122867	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
6 HG00131	male	SAME123064	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
7 HG00136	male	SAME123065	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
8 HG00143	male	SAME124393	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
9 HG00148	male	SAME124388	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
10 HG00150	female	SAME124591	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
11 HG00155	male	SAME124588	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
12 HG00174	female	SAME124958	FIN	Finnish.Finnish	EUR	European Ancestry.West Eurasia (SGDP)	FIN.FinnishSGDP	1000 Genomes on GRCh38.Simons Genome Diversit...
13 HG00179	female	SAME124965	FIN	Finnish	EUR	European Ancestry	FIN	1000 Genomes on GRCh38.1000 Genomes 30x on ...
14 HG00181	male	SAME123644	FIN	Finnish	EUR	European Ancestry	FIN	1000 Genomes on GRCh38.1000 Genomes 30x on ...
15 HG00186	male	SAME123647	FIN	Finnish	EUR	European Ancestry	FIN	1000 Genomes on GRCh38.1000 Genomes 30x on ...
16 HG00232	female	SAME124128	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
17 HG00237	female	SAME124124	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
18 HG00244	male	SAME123217	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
19 HG00249	female	SAME123227	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes phase 3 ...
20 HG00251	male	SAME123053	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
21 HG00256	male	SAME123048	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
22 HG00263	female	SAME123581	GBR	British	EUR	European Ancestry	GBR	1000 Genomes on GRCh38.1000 Genomes 30x on ...
23 HG00268	female	SAME123574	FIN	Finnish	EUR	European Ancestry	FIN	1000 Genomes on GRCh38.1000 Genomes 30x on ...
24 HG00270	female	SAME123418	FIN	Finnish	EUR	European Ancestry	FIN	1000 Genomes on GRCh38.1000 Genomes phase 3 ...
25 HG00275	female	SAME123421	FIN	Finnish	EUR	European Ancestry	FIN	1000 Genomes on GRCh38.1000 Genomes 30x on ...
26 HG00473	female	SAME123338	CHS	Southern Han Chinese	EAS	East Asian Ancestry	CHS	1000 Genomes on GRCh38.1000 Genomes 30x on ...
27 HG00282	female	SAME122833	FIN	Finnish	EUR	European Ancestry	FIN	1000 Genomes on GRCh38.1000 Genomes 30x on ...
28 HG00478	male	SAME123335	CHS	Southern Han Chinese	EAS	East Asian Ancestry	CHS	1000 Genomes on GRCh38.1000 Genomes 30x on ...
29 HG00302	female	SAME1840121	FIN	Finnish	EUR	European Ancestry	FIN	1000 Genomes on GRCh38
30 HG00319	female	SAME124334	FIN	Finnish	EUR	European Ancestry	FIN	1000 Genomes on GRCh38.1000 Genomes 30x on ...
31 HG00500	male	SAME123363	CHS	Southern Han Chinese	EAS	East Asian Ancestry	CHS	1000 Genomes on GRCh38.1000 Genomes 30x on ...
32 HG00321	male	SAME123796	FIN	Finnish	EUR	European Ancestry	FIN	1000 Genomes on GRCh38.1000 Genomes 30x on ...
33 HG00512	male	SAME123525	CHS	Southern Han Chinese	EAS	East Asian Ancestry	CHS	1000 Genomes on GRCh38.1000 Genomes 30x on ...
34 HG00326	female	SAME123792	FIN	Finnish	EUR	European Ancestry	FIN	1000 Genomes on GRCh38.1000 Genomes 30x on ...
35 HG00524	male	SAME123724	CHS	Southern Han Chinese	EAS	East Asian Ancestry	CHS	1000 Genomes on GRCh38.1000 Genomes 30x on ...

Showing 1 to 35 of 2,700 entries. 0 total columns