

Week 2 Group Worksheet
The Structure of Haplotype Blocks in the Human Genome

Put your initials next to one term and one SNP below. Fill out the definition or description of your term, and search for your SNP in [dbSNP](#) to fill out the required information.

Useful Terminology

Initials	Term	Description
	allele	
	biallelic SNP	
	D'	
	genetic marker	
	genotyping	
	haplotype	
	haplotype block	
	linkage disequilibrium (LD)	
	minor allele frequency (MAF)	
	out of Africa theory	
	population bottleneck	
	r^2	

SNP Information

Initials	Block	SNP ID	Chromosome & Position (GRCh38)	Alleles	MAF (TOPMED)*	Gene : Consequence
	1	rs1325809				
		rs1998676				
		rs111679233				
		rs79888670				
		rs79192154				
		rs142261558				
	2	rs76370881				
		rs143161038				
		rs11571743				
		rs9567609				
		rs61946969				
		rs9534318				

*If there is no value for TOPMED MAF, select another MAF database (if available)