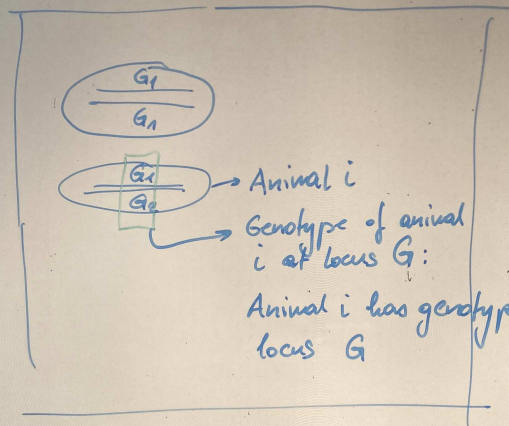


Population : Given locus G with two alleles
 G_1 and G_2



Two different alleles
 G_1 and G_2 might
come from ~~the~~ a
difference in the
sequence of DNA
bases.

- At level of genotypes the order is not important.
Genotypes $G_1G_2 \equiv G_2G_1$
- Based on genotype, parental origin of the alleles is unknown.
- Only based on haplotype information, parental origin can be determined